

Frank Goortani, TOGAF, PMP

Senior solution architect with extensive experience in generative AI, data-driven systems, cloud, and mobile technologies. Over 20 years of expertise in designing and implementing enterprise-grade applications across startups and large enterprises. Skilled in generative AI technologies, including LLMs, AI agents, and automation. Proven leadership in guiding cross-functional teams, driving architectural strategies, and delivering impactful results.

Tools, Frameworks, Libraries, Languages, Databases

- Linux, Mac, Windows
- XCode, Android Studio, IntelliJ
- Gradle, JIRA, Virtualbox
- Bamboo, Jenkins, Circle CI
- GIT, SourceTree, n8n, Cadence
- Azure, AWS, DevOps, Temporal
- CA Erwin, PowerDesigner
- Jupiter, iPython, OpenRefine
- Tesseract OCR, markdown
- LangChain, LLMs, Ollama
- Langgraph, CrewAI, Agentic
- AI Crawlers, pydantic, Uvicorn
- StreamLit, Google Gemini
- OpenAI LLMs, Meta LLMs
- Firestore, Firebase functions
- Nginx, GCP Cloud Run, GCP IAM
- Spring, Hibernate, Swagger
- JBOSS, JSP, Helm, Jetty, Istio
- Selenium, Cucumber, Grafana
- Spring Boot, Chef, Puppet, Salt
- AWS EC2, VPC, S3, Cognito
- Lambda, SNS, Cloud Front
- Cloud Formation, Cloud Watch
- IAAS, PAAS, SAAS, AI APIs
- Graylog, Datadog, StackDriver
- Splunk, Prometheus, Spinnaker
- Ant, JRebel, Zabbix, Rancher
- Angular, React, Next, Svelt
- RxJava, RxSwift, RxJS, VueJS
- GraphQL, gRPC, Rest, RAG
- Node.JS, Docker, React Native
- Material Design, WebSockets
- OnsenUI, shadcn, Tailwind
- SciKit Learn, Azure ML Studio
- Heroku, Bitbucket, GitHub
- Express, Maven, Ionic, Redux
- Firebase test lab, Jest, Mocha
- Puppeteer, Karma, Istanbul
- AWS device farm, API Gateway
- Webpack, PlantUML, K8S
- Jasmine, Karma, Protractor
- TOGAF, PMBOK, BABOK, ITIL,
- Open ID, OAuth 2.0, Azure VM
- Glassfish, npm, yarn, Dino, Sonar
- Mockito, Spring Test, Fortify Scan
- Cloud Foundry, Azure DevOps
- Google Kubernetes, AWS Pipeline
- AWS Steps Function, SNS, SQS
- Chatbots, Browser Extensions
- Helm, ELK, Zookeeper, Docker
- Rest-Assured, WebDriver
- Locust, Kong, Dynatrace
- Prompt Engineering, Containers
- Apigee, Collibra, Artifactory
- C#, Ruby, Python, GoLang
- JavaScript, ES6, Java, Spring
- HTML5, CSS3, XML, YAML, JSON
- Tableau, Akamai, Vector DBs
- Swift, Objective-C, Cohere
- SQL Server, Azure CDN, LangFuse
- SQL Azure, Oracle, CouchDB
- MongoDB, Azure CosmosDB
- CouchBase, ElasticSearch
- MySQL, Postgresql, Solr
- HBase, Spark, MySQL, Kafka
- Hadoop, Spark, PIG, HIVE
- Firebase, Redshift, PineCone,
- Embedding Models, Agent flow
- Aider, CoPilot, Agentic coding
- Chroma, Weaviate
- SQL Server BI, BIDS, SSDT
- DynamoDB, Hugging Face models
- AWS RDS, Azure Search
- AWS and Azure Storage
- OBIEE, Alteryx, Azure ML
- Azure Data Lake, Data Factory
- Azure DW, Azure Functions,
- Logic App, Data Streams
- Hashicorp Vault, Packager
- Hashicorp Consul, Terraform

Skills and Achievements

- Distributed Systems, API platforms, Microservices, integrations, Workflow systems
- Generative AI, Large Language Models (LLMs), AI agents, AI automation, Machine Learning
- Reactive and Functional Programming in Go, Python, Java, Swift, Typescript and JavaScript
- Full-stack Development, DevOps, Product Management, Agile Project Management
- Mobile application development, Mobile architecture, Hybrid/Cross-Platform apps
- Requirement Analysis, Change Management, Stakeholder Communications, Technology Evangelism
- Business Presentations, Architectural Documentation, Research, POCs
- Data Modeling, Business Intelligence (BI), Data Warehouse Design, ETL tools
- Data Governance, Data Streams, Master Data Management (MDM), Reporting, Dashboards
- Automation, Data Science, Data Visualizations, Infographics

Work Experience

Solution Architect

Uber – 2021 - now

- Worked on **UDE** (User Data Extraction) and **DSAR** (Data Subject Access Request) Automation as mandates for Security and Privacy teams. The stack included Piper (similar to Airflow), Cadence (similar to Temporal), Python, Go, Microservices, Reactjs, FusionJS, GraphQL, gRPC, Kafka, MySQL, and Docstore.
- As part of EngSec, worked on an AI Decision Engine called **ELLE** that helped automate triaging and reviewing Engineering Review Documents in the context of Privacy and Security. The project won several internal recognition awards and was used across multiple sub-disciplines.
- Worked on the end-to-end design, implementation and maintenance of multiple MVP products:
 - Uber **Charter** - request high-capacity group rides in vehicles seating around 14-55 passengers
 - Uber **Park** - park and pay at automated parking lots
 - Uber **Concierge** - give the Rider / Eater a new way to start a conversation with the agents by initiating a new request
- Designed the architecture of pieces of the above projects and written detailed ERD and PRD to follow the approval processes, interfacing Privacy and Security teams
- Implemented Golang BE code following Uber Microservices MVCS design patterns, implementing APIs in gRPC, GraphQL and Rest protocols
- Implemented detailed unit tests for the backend code in Go MonoRepo
- Within GoLang Microservices, worked and integrated with MySQL, DocStore (Uber NoSQL document store), Kafka, Up (Uber deployment stack), USecret (Uber Secret Management), Cadence (Uber workflow and activity scheduler), uMonitor (Uber observability, logging), Edge (Uber API gateway), Uber Geofence, Uber Geoproxy, Populous (Uber user services), Rosetta (Uber translation services), Terrablob (Uber cloud storage), Texter/Pusher/PostMaster (Uber communication services), Nava (Uber Front End Tiles), BlackBox tests, Bliss (Call Center Agents dashboard and services), Flipr (Uber configuration management platform), Grafana, Kibana, Hive, HDFS,
- Worked on FE MonoRepo projects utilizing GraphQL, React, Fusion (similar to NextJs)
- Provided several detailed technical interviews for GoLang BE and React FE candidates

AI Solutions Lead

MatchPS / BayRockLabs – 2021 - now

- As the **GenAI lead** at MatchPoint / BayRockLabs, worked on the architecture of multiple AI automation projects for companies like **Lucid**. These projects spanned startups and industries such as Ecommerce, Manufacturing, Accounting, Legal, and Hospitality.
- Involved in technical interviews for MatchPoint resources for several companies including **Uber**, **Robinhood**, **Netflix**, **Airbnb**, **Peloton**, and **Gap**.
- Involved in multiple technology teams at **Uber** as external Engineer (above)

Tech Lead – Part Time

Collaborative VisionZ and VisionZLab

2010 - 2024

- Worked on several projects in Local and Online Small to Medium Businesses and startups (both B2B and B2C) in various capacities (Full-Stack Developer, Architect, Dev-ops, UI Designer, Product / Project Manager) Designing, Automating, Integrating and Implementing solutions focusing on fast implementation and low cost. These projects include:
 - FasterOutcomes: AI Startup in legal industry. Lead the Architecture and development. Stack: React, NextJS, Tailwind CSS, Python, n8n, LangChain, FastAPI, OpenAI LLMs, OCR, AI Agents, Firebase, Google Cloud
 - Counta AI: AI Startup in Accounting industry. Stack: python, LangChain, FastAPI, CrewAI, AI Agents, Minio, Open Source LLMs, OCR
 - MirrorMe3D: Mobile Startup in medical industry. Worked on the iOS mobile app that scans the user's face and sends the 3D model to the backend for processing special surgery prosthetics. Stack: iOS Swift
- Migrating local solutions to Azure and AWS Cloud (from infrastructure and network to Websites, Cloud Services, Storages and Document Management Systems)
- Persian Points (Fidely.club) – an SAAS Integrated Loyalty program (still in progress) Utilized Node.JS, AngularJS, MongoDB NoSQL database
- FullStack Project with a combination of Java Spring Boot and Angular 2 with AWS Architecture implementation of Microservices
- Exclusive Listings Club (ExclusiveListings.club)– a modern marketplace for Real Estate properties before MLS. Utilized Firebase, NodeJS, AngularJS, Mandrill, MailChimp, SendGrid, Azure, Google Analytics, HTML5, CSS3, jQuery, Bootstrap, iOS, Android, Ionic, bitbucket
- ELAIN: An artificial intelligence chat bot as a real estate helper to answer questions and generate leads utilizing Wit.ai, Motion.ai, Twilio, NodeJS, Algolia Search and Azure Machine Learning platform. Wrote scrapers to gather Real Estate data from various sites in real-time (Python, NodeJS)
- Dojo Jobs (DojoJobs.com): a socialized gamified job board specialized for IT contractors. AngularJS, Firebase, HTML5, CSS3 animations, NodeJS, SQL Server 2016, Azure, LinkedIn API, OAuth, Trello, Slack, Azure Search
- InfoTechUnion.com: a community of Senior IT Contractors.
- Utilister.com: Necessary SAAS toolset for Real Estate professionals. Ruby on Rails, jQuery, Heroku, AWS
- Developed Hybrid apps for platforms like WebOS, Amazon FireTV, AppleTV, iOS, Android using Electron and Ionic
- Creating Responsive Web Applications using a wide range of languages and technologies from NodeJS, AngularJS, ReactJS, Meteor, ASP.NET MVC and Web API to PHP and WordPress
- Designed mobile applications on Android and iOS - Objective C, Swift, Java

Solution Architect

Canada Life 2019 - 2021

- Built the in-house mobile development and architecture team from technical interviews to developing new feature, to coaching developers and building automation for DevOps
- Worked with the Front-End team on the NEST project – a fully automated component library for React and VueJS components leveraging Storybook, Akamai, Jenkins, npm, nodeJS, bitbucket
- Designed a system for accepting e-signatures leveraging API architecture and Azure block chain services
- Created an end-to-end solution for pdf generation with AODA compliance requirements for pdf generation tools
- Worked closely with the DevOps teams to provide better automation in Azure and GCP stack
- Worked on the enterprise Auth solution and implementation following the security guidelines for OpenID and OAuth 2.0 solutions
- Worked on Salesforce solutions leveraging Angular, Lightning system and Vlocity solutions
- Worked on data solutions involving old ETLs and creating new data streams using Kafka

- Worked on the architecture, implementation and automation of API platform and microservices using Kubernetes, Java Spring Boot, Apigee
- Designed and implemented additional maturity tool stack to Kubernetes architecture and DevOps Istio, Helm, Grafana, Prometheus, ELK, Kafka, Zabbix, Rancher, Spinakker, Terraform, Vault, Consul,
- Led the documentation and setup of developer machines in both Mac and Windows machines Homebrew, Chocolatey, Docker, MiniKube, Virtualbox, Hyper-v
- Worked on design and implementation and coaching for migrating old databases to strategic solutions in Azure leveraging Azure SQL and Azure CosmosDB
- Led the Flybits integration project for the existing GroupNet application
- Worked on creating, maintaining and migrating custom experience APIs in Hybris, Azure, company-owned data center and eventually GCP microservices
- Was heavily involved in enterprise decision making process and risk assessment for the API platform changes, microservices initiatives, DevOps changes, Mobile first initiatives and data migrations
- Worked on integration architecture between Salesforce, Mobile apps, legacy API and database and new microservices

Software Consultant

The Home Depot

2017- 2019

- Led a team of 10+ on shore and 50+ off-shore Developers for homedepot.ca website utilizing various technologies
Angular 5, 6, 7, 8, 9 NgRx, React.js, Redux, Typescript, ES6, ES7, Jira, Stash, Git, Artifactory, Confluence
- Consulted on architecture and worked hands on, on migration to google cloud
GCP, Artifactory, Cloud Foundry, Bamboo, Jenkins, Terraform, Consul, Vault, stash, Packer, Splunk
- Designed and implemented the road map to migrate to micro-services using Google Cloud and Kubernetes
Java Spring, Node, Google Cloud Functions, Kubernetes, Bamboo, Jenkins,
- Designed and implemented end to end Angular Universal Server-Side Rendering for Delivering Social Sharing and SEO for SPAs in the website
- Worked on modularizing and docker-izing the front-end applications
- Worked on several small and big project architecting the solution and coding in back-end, front-end and preparing devOps scripts including Order Tracking, Product Information and Installation Services
- Worked on optimizing the content pages in AEM and their integration with other moving parts of the architecture.
AEM, Adobe DTM, Java 8, Sling
- Worked on Hybris e-commerce solution projects delivering various customizations and extensions including extending the Smart Edit
Hybris, Java Spring, JavaNCSS, Sonar, JRebel, Maven, Ant, Apache
- Consulted on architecture and worked hands on, on POCs for Micro-services initiative
- Contributed in building the React Component Library and designed / initiated Angular Component Library from scratch
- React, Angular, CSS, SCSS, Node, Gulp, Webpack, Angular CLI, BEM, Salesforce Lightning, Angular Material, Bit Source, Storybook
- Acted as the Application Lifecycle Manager for repositories, reviewing and approving Pull Requests, managed branch access and merging
- Built the unit tests, linting and continuous integration for various projects utilizing Junit, Karma, Jasmine, Istanbul, Jest, Gulp, Webpack, ESLint, TSLint, Device Lab, Sauce Labs, Node, Yarn, npm
- Contributed in Redesigning the Analytics stack and optimizing site performance
Adobe Tracking (DTM), Adobe Target, Dynatrace,
- Worked on projects integrating third party solutions in backend and front-end

- Akamai, Certona, Bloom Reach, Bazaar Voice
- Contributed to documentation, hiring developers and held several workshops for development team
 - Contributed in Enterprise Architecture doing research on tech stack and attending meetings internally and externally
 - Lead the design and implementation of the Pro-Referral web and mobile project solution Android, iOS, Angular
 - Worked Hands-on on the Java (Android) and Swift Integration PRs with off-shore team and designed the backend Restful APIs for the Homedepot Canada and Pro-Referral Mobile applications
 - Android, iOS
 - Built the onshore mobile app team from scratch, leading the technical hiring process to coaching the team members and architecting the native mobile app features in both ios and android
 - Lead the DevOps and CI/CD automation of the mobile app building the flow from scratch utilizing Jenkins, scripting, FastLane
 - Lead the Front-End Mono Repo POC and project implementing the Nrwl (Narwhal) on Angular 9
 - Worked on Various parts of the E-Commerce platform from Microservices (Kubernetes, Java Spring Boot) to SPAs (Angular 9, 10, React, NgRx, Redux) for Product page, search, checkout, cart, etc.
 - Designed and implemented caching layer for recurring APIs leveraging Redis
 - As part of the migrating to microservice architecture, designed and implemented Apache Kafka for messaging layer.
 - Worked on design and implementation of custom Analytics solution EVT for monitoring Angular Web performance

International Instructor

The Judge Group

2017 - 2019

- Provided hands-on in-class course "Migration to Cloud" to organizations discussing different phases of cloud migration from Decision Making and Planning to Architecture, networking, Continuous Delivery and Continuous Integration, Operations, Logging and Monitoring, High-Availability and Disaster Recovery
AWS, Azure, GCP, Pivotal Cloud Foundry

Principal Architect

Maktub 2018 - now

- Designed, developed and implemented the Web App, landing page and mobile app from scratch utilizing the following: Microsoft Azure, Google Cloud, Firebase, Angular 9, Elastic Search, Google Analytics, Amplitude Analytics, React Native, Native and Hybrid iOS and Android development, Mobile DevOps Automation using FastLane, Server-less architecture, GCP Function as a service FAAS, Platform as a Service PAAS, Docker, Bamboo, Jira, HTML5, CSS3
- Worked on a comprehensive Chrome Extension for curating content from various food, fashion and experience popular brands.

Principal Architect

LAST CALL CC

2017 – 2018

- Designed, developed and implemented the Web App, landing page and mobile app from scratch utilizing the following: Microsoft Azure, Google Cloud, Firebase, Angular 4,5,6, Elastic Search, Google Analytics, Amplitude Analytics, Ionic, Native and Hybrid iOS and Android development, Server-less architecture, Function as a service FAAS, Platform as a Service PAAS, Docker, Bamboo, Jira, HTML5, CSS3
- Worked on a comprehensive Chrome Extension for curating content from various food, fashion and experience popular brands.

Software Consultant

Xocial, IOU Concepts, Human Code

2016 - 2017

- Created ReactJS Components from scratch to create Full Stack Responsive app for FeedABillion Leaderboard
AWS, MongoDB, Meteor, React, Node, Vagrant, Bamboo, Git
- Worked on Adding Video features to the Mobile + Web Hybrid application. Forked and Extended Open-Source Cordova Plugin Libraries to fix bugs with Meteor. Used Blaze to create UI.
Swift, Java, Javascript, Cordova, Android, iOS, Github
- Created, optimized and migrated DevOps workflows and automations using Bamboo, Circle CI, Jenkins, Bitbucket
- Created Chrome Extension to integrate our toolset with thirdparty websites and tools such as yammer
AngularJS, Bootstrap, Typescript
- Created test automation for Android and iOS mobile application using AWS Device Farm.
- Created several CRON Jobs for Extracting data from third party APIs such as Facebook Insight to gather data for reporting.
- Optimized MongoDB used for Web and Mobile application
- Utilized CRON Jobs, AWS Lambda, microservices architecture and Data Pipeline to extract and transfer data
- Designed reporting platform using AWS Redshift and implemented customized reports using Meteor and data tables
- Created and managed AWS services including EC2, Elastic Beanstalk, S3, Redshift, CodePipeline, CloudWatch, CloudFormation, IAM, Device Farm. Migrated Solution to utilize AWS best practices and tools such as AWS Lambda instead of CRON Jobs

Software Consultant

EQAO, Ministry of Education

2015 - 2016

- Worked full-stack on customer facing web application using ASP.NET MVC best practices and Node automation and package management solutions.
ASP.NET MVC, RESTful API, TFS, Gulp, Bower, npm, ASP.NET MVC API, C#
- Utilized Python, Scikit Learn library (SKLearn), and Jupyter Notebook to extract meaningful predictions from historical student assessments data in Ontario.
- Redesigned, implemented and migrated all organization data from old data model to a new multidimensional Data Warehouse using SQL Server 2012 platform.
- Optimized and integrated the new reporting platform with ASP.NET MVC Application SSIS, SSAS, MDX, SSRS
- Developed and optimized the front-end Angular application with bootstrap UI
AngularJS, Bootstrap, Typescript

Software Consultant

Mosaic Sales Solutions

2015

- Worked on Data gathering web application Using Rails in backend and Angular and bootstrap in frontend.
- SQL Server, R Studio, Alteryx, Ruby on Rails, Angular, Git
- Utilized R Studio and Alteryx to create descriptive, exploratory, inferential and predictive analysis on existing data
- Utilized new and existing BI tools to design and create responsive interactive and mobile ready dashboards for various clients including Microsoft and Samsung
- Created a meta - data warehouse and Microstrategy dashboards for monitoring the performance of existing data warehouses and ETL tools
- Created a Framework for using Alteryx as an ETL tool for ad-hoc Data Mart Data Mining projects
- Implemented centralized ETL to extract and transform data from various sources including DB2, Postgresql, Oracle, MongoDB and SQL Server databases from various client systems and load to the Company EDW applying strict security policies to follow each company's data policies and guidelines
- Provided insight on supporting and optimizing databases and implemented an archiving strategy for extra-large data warehouses.
- Worked on Data gathering web application Using Rails in backend and Angular and bootstrap in frontend.
SQL Server, SSIS, SSAS, SSRS, MDX, Microstrategy, Oracle, Postgresql, Tableau, R Studio, Alteryx, Ruby on Rails, Angular, Git

Manager, Software Development

TD Bank – Business Intelligence & Data Strategies

2014 - 2015

- Developed, automated and maintained SharePoint and ASP.NET applications for hosting the internal reporting solutions
- Contributed to the comprehensive framework adapted for designing and developing BI projects
- Designed and Implemented the Banking Services Data Mart for OMEGA – PEGA project from Data modeling with PowerDesigner to implementing SSIS, SSRS, SSAS
- Led Multiple BI projects for PEGA Deck satisfying different departments in Operations and Technology line of business including Banking and credit Services
- Developed, automated and maintained SharePoint and ASP.NET applications for hosting the internal reporting solutions
SQL Server, SSIS, SSAS, SSRS, MDX, .NET 4.5, VS 2013, ASP.NET MVC4, TIBCO, Momentum, Cognos

Sr. Application Architect / Technical Lead

TD Bank – Direct Channels

2013 - 2014

- Worked closely with DEV, SIT, BAT and PAT team to develop and test the North American Scorecard Web application and the BI stack utilizing ASP MVC 4, .NET 4.5, SharePoint 2010, LoadRunner
- Oversaw offshore project coordination, monitoring product development and quality and system integration.

- Led multiple project development using Code repository, Code Deployment and Service Desk tools such as JIRA, CA SDM, TFS and SourceTree
- Held training sessions for Coop team members
- Led multiple Integration and BI projects in Architecture and Development in Phone and Mobile channels (SQL Server, SSIS, SSAS, SSRS, MDX, .NET 4.5, VS 2013, ASP.NET MVC4, TIBCO, Momentum, Cognos)
- Led the troubleshooting of BI legacy systems, developed and implemented fixes and prepared risk assessment, maintenance plans and recommendations in upgrading systems
- Created and managed the technical documentation of ongoing projects from ABP, Business Case, SRS, SDS, BRD, NFRW, Control Design, data mapping to Change Proposal and Project Detailed plan
- Contributed to the Phone Channels Group Strategy by applying the deep understanding of the enterprise architecture in TD organization through the ongoing projects.
- Held training sessions for Coop team members
- Acted as the interface between EIM and business applications (e.g., analytics, reporting, BI)
- Oversaw offshore project coordination, monitoring product development and quality and system integration.
- Assumed Project Management for mid-size integration and BI projects

International Instructor

Learning Tree, Toronto

2014 - 2016

- Provided online and in class courses in multiple Learning Tree Education Centers in North America including Washington, DC and Toronto, ON.
- Course offered: Designing an effective Data Warehouse
SQL Server, Oracle

College Instructor

George Brown College, Toronto

2014 - 2016

- Developed new comprehensive course outline and material for Web and Business Intelligence using SQL Server 2012
- Incorporated field experience and technical knowledge into learner-centered presentations emphasizing interactive, hands-on practice.

College Instructor

Cestar College / Lampton College, Toronto

2013 - 2016

- Developed entry-level to advanced curricula on a wide range of topics, consistently meeting tight deadlines. Subjects included Ruby on Rails, JavaScript, Java, C#, Objective C, OOP, Android
- Development, Eclipse, iOS Development, XCode, Visual Studio, Application Architecture, UML, SOA, SDLC, PMLC, Git, Cloud IDEs, Design Patterns and Best Practices
- Geared Curricula and presentation style to needs of diverse audiences, from recent high school grads to foreign-born MSc's

- Incorporated field experience and technical knowledge into learner-centered presentations emphasizing interactive, hands-on practice.
- Courses provided include Principles of Software Development, Mobile development, Web Development, Database development, Bootstrapping Startups and Business Intelligence

Solution Architect

CAA South Central Ontario

2012 - 2013

- Designed and setup the solution infrastructure and application / Data architecture for several large to medium projects and created comprehensive documentation and presentation for the Enterprise Architecture. Initiated the Enterprise Architecture Repository for ERP project.
- Visio, PowerPoint, Sparx EA, Prezi, TOGAF, SOA, Design Patterns, CA ERwin
- Designed, Developed and implemented several Complex Data Warehouse projects in Finance, Insurance and Travel industries from Requirement gathering to conceptual design to logical design to physical design to ETL to Marts and Cubes to Complex MDX queries to Reports SSIS, SSAS, SSRS, QlikView, MDX, SharePoint, Visual Studio 2005-2012, C#, Dimensional Modeling
- Led the technology research initiatives in adapting new design patterns and technologies to improve the architecture, reliability and speed of the existing and future systems SQL Server 2012, SSIS 2012, SSAS 2012, VS 2012, Windows Azure, Office 2013, Power pivot, Sparx EA, SharePoint, CA Erwin, Master Data Services
- Designed, developed, implemented and tested several parts of ESB web project collection utilizing latest technologies and architecture platforms and patterns WCF, Web Services, .NET 4.0, .NET 4.5, Visual Studio 2012, SOA, TOGAF
- Designed and implemented integration and migration solutions between systems. Created and setup SSIS projects, Windows Services, Application Plugins, Change Data Capture and scheduled SQL jobs Windows Server 2008, Active Directory, SQL Server 2008-2012, SSIS, Data Modeling, C#
- Designed and Implemented the Secure Portal for storing sensitive organization information according to PCI compliance Tokenizing, Data Security
- Continued the design and development of the Enterprise Data Dictionary Web Solution for the Data warehouses ASP.NET, SQL Server, Data modeling, CA Erwin Led the expansion, optimization and troubleshooting of several ETL projects
- Worked in several SQL Server Infrastructure design and upgrade projects
- Infrastructure, Clustering, License Management, SAN, Server Hardware, Performance Counters, DMV, Server Benchmarking, Windows Server 2008 R2, Windows Server 2012 Data Center, SQL Sentry tools
- Worked with Microsoft Volume Licensing Service Center to manage the company software licenses and MSDN subscriptions.
- Successfully completed building complex finance reports such as reconciliation reports for different lines of business SSIS, SSRS, MDX, SharePoint
- Designed the architecture and led the offshore team for new SharePoint projects for HR requirements.
- Worked in several simultaneous initiatives and projects, multitasking in different teams and lines of business (LOB) interacting with PMs, QAs, BAs, Developers and Business in all phases of SDLC.
- Worked on Cloud POC (Proof of Concept) for migrating existing solutions to Azure
- Managed, Automated and Maintained Code TFS 2010, Cruise Control, Ranorex, Agile / Scrum / Kanban Tools

Application and Database Developer (Asset and Investment Management)

Felcom Data Services (Jovian Group)

2011 - 2012

- Successfully designed, developed and implemented new, existing and ongoing Web Project Components such as SLO Reporting system in IT Portal on time. C#, ASP.NET, SQL Server 2005 & 2008, Crystal Reports, Microstrategy, ADO.NET
- Worked in a challenging fast paced in-production financial environment with several Servers, live websites and users across Canada and US.
- Designed, Developed and implemented queries, stored procedures, SSIS packages and maintenance plans for deploying, integrating and maintaining databases. SQL Server 2005 & 2008
- Refactored & implemented OOP and Design Patterns on new and existing projects
- Held Internal teaching sessions for new technologies and domain knowledge for new team members
- Created and utilized comprehensive architectural documents for existing and ongoing projects (Business Process Models and Use Case to Class and Data Models using Enterprise Architect, Visio, OODM, UML, IDEF1X)
- Completed comprehensive maintenance and training documentation on various Web Projects.
- Developed and implemented unit tests and regression tests and debugged web applications in both Server-Side and Client-Side code. NUnit, R#, MS Test, HTTP Watch, Firebug, Fiddler

Senior Programmer, (Financial Project Management)

Royal Persicus Inc.

2008 - 2011

- Designed, developed and implemented several components for various Enterprise Solutions within the Financial Industry for project cost tracking (Medium to High Budget Projects: \$2 Million to \$25+ Million) and progress monitoring to be used by major banks, pension funds and insurance companies. C#, VB.NET, MVC, WCF, LINQ, ASP.NET, Design Patterns, TFS, GIT
- Designed and implemented sales and finance reports and Mart layer of the Business Intelligence project using Crystal Reports and SSRS Reports SSRS, SSAS, BI
- Completed comprehensive analysis and requirements document for business applications and project proposals including time and cost/resource estimation and progress reports.
- Interacted closely with both the architecture team and the business to develop ideas and specifications and interacted with QA and operations teams to ensure on time and error free delivery of the solutions.
- Interacted closely with the business and worked closely with the BA and QA team to ensure achieving the proper and on time project deliverables
- Led the technology research team for adapting new technologies and upgrading old ones.

Senior Developer

Javid Educational Center

2006 - 2007

- Participated in proposing, analyzing, designing (software architecture and database structure) and implementing several different projects including the Student Information Management System, Online Admission Application, the document management system, student assessment process and other projects.
- C#, ASP.NET, VB6, Oracle, RDB, XML, XSLT, Crystal Reports, HTML/CSS, DMS, SOA
- Interacted with customers to extract BRDs and ensured consistency with the customer requirements while in development.
- Designed and implemented the process of rolling out old systems including planning for new servers, the process of introducing new procedures, and trainings.
- Created complex ETL to migrate data from legacy system to the new system. SSIS, C#, XML, Crystal Reports

- Compiled development regulations and templates for: using stored procedures and views, storing SQL statements and table definitions, code reviewing, logging, server access, password encryptions, connection strings, user authentication, windows services, web services, library creation, etc.

DEVELOPER

Faragam Inc.

2002 - 2006

- Designed, developed, tested and implemented an Enterprise Cost Estimation and Progress Monitoring Software Solution for large-scale Construction Projects connecting to several database engines and pricing reference libraries and technical codes providing services to up to 100 concurrent users in a multi-tier architecture.
- Microsoft .Net Framework, C#, ASP.NET, XML, SQL, Microsoft SQL Server 2005
- Designed and developed several reports using Crystal Reports to provide summary and detailed cost estimations, cost progress reports and invoices.
- Completed comprehensive requirements document for business applications and project proposals including time and cost/resource estimation and progress reports.
- Implemented and updated unit price detail packages using SQL Server 2005.

EDUCATION AND PROFESSIONAL DEVELOPMENT

- Personal Products and Services:
 - <https://fasteroutcomes.com>, 2024
 - <https://counta.ai>, 2024
 - <https://frwr.ai>, 2023
 - <https://visionzlab.com>, updated 2023
 - <https://maktub.app>, 2018
 - <https://lastcall.cc>, 2017
 - <https://loggir.com>, 2016
 - <https://exclusivelistings.club>, 2015
- API architecture
- **Certified Data Scientist**, John Hopkins University, 2015
- **ITIL Version 3 Foundation Certificate Course**, Mind Leaders, 2013
- **Agile Project Management Strategy and Analysis**, Lean Software Development, 2013
- **Data Warehousing Management**, Mind Leaders, 2013
- **Certified Business Analysis Professional Course**, Enterprise Analysis, 2013
- **PMP Certified**, Project Management Institute, 2013
- **TOGAF 9.1 Certified**, The Open Group Architecture Framework, 2013
- **Enterprise Architecture Using TOGAF 9.1**, Metaplexity Associates, 2013
- **OWASP Top 10**, Security Compass, 2012
- **MCPD - Web Application Development 2008 Certified**, Microsoft, 2012
- **MCITP - Database Developer 2008 Certified**, Microsoft, 2012
- **Project Management Course**, Ryerson University, 2010
- **M.Sc. in Management**, AmirKabir University, 2003
- **B.Sc. in Computer Software Engineering**, AmirKabir University, 2001

