

PROFESSIONAL SUMMARY

Technically proficient & goal-driven .NET Full Stack Developer with 12+ years of expertise in Systems Analysis, Design, Development & Implementation. Proficient in **Microsoft .NET Framework, Visual Studio, C#.NET, ASP.NET MVC, ASP.NET Web API, WCF, Entity Framework, & ASP.NET Core, and .Net8** for building high-performance web apps. Skilled in **Agile Scrum, Test Driven Development (TDD) & Waterfall SDLC** methodologies. Strong capabilities in front-end technologies including **HTML5, CSS3, JavaScript, jQuery, Angular, TypeScript, React.js, Node.js, Bootstrap & Angular Material**. Extensive experience with cloud technologies, developing solutions on the Azure platform including Web Apps, API Apps, and Azure Services. Proficient in deploying **.NET Core and .Net8 APIs** using **Docker & Kubernetes** on Azure for containerization & orchestration, ensuring reliable deployment and scalability of apps. Proven expertise in **SQL Server**, with proficiency in database design, stored procedures, query optimization, and performance tuning. I am experienced in unit testing (**MS-Test, NUnit, XUnit**) and implementing **OOPS concepts, ORM (Entity Framework, LINQ), XML, SOAP, WSDL & WCF** for web services. Web services include the Secure File Transfer Protocol (SFTP), WSDL, database design, and object-oriented architecture. Known for overcoming numerous challenges and solving them in innovative ways. Implemented W3 Standards with Web Content Accessibility Guidelines (WCAG) 2.1 AA and WAI-ARIA Authoring Practices. Effective in collaborative team environments, delivering robust solutions aligned with business objectives.

TECHNICAL SKILLS

Programming Languages	C#, VB.NET, Typescript, Python, COBOL, Mainframes,
Web Technologies	ASP.NET, MVC, Web API, WCF, HTML5, CSS3, jQuery, JavaScript, Angular JS, Angular 9,15, React JS, AJAX, Bootstrap, WPF, WebRTC, Ionic, Redux, NgRX
.NET Technologies & Frameworks	.NET Framework, ASP.NET Web API, ASP.NET Core and .Net8, ASP.NET MVC, ADO.NET, WPF, Entity Framework, EF Core, Serilog, LINQ
Design Patterns	MVC, MVVM, Singleton, Factory, DI, SOA
Database Development	SQL Server, MySQL, SSIS, SSRS T-SQL, MongoDB, Oracle DB, PostgreSQL
Software Methodologies	SDLC, Agile
IDE	Visual Studio, Visual Basic, Visual Studio Code, JIRA
Cloud	MS Azure, AWS, Google
Source Repositories	GitHub, TFS, Git, GitLab, SVN, Bitbucket
Message Brokers	Apache Kafka, RabbitMQ, ActiveMQ
Modeling and Design Tools	Microsoft Vision, UML
Operating Systems	Windows, LINUX, UNIX, MacOS
Testing	Postman, Cucumber, MS-Test, NUnit, Jasmine, Karma, XUnit
Containerization & Orchestration	Docker, Kubernetes, Openshift, Terraform

CERTIFICATION:

Microsoft Certified: [Azure Developer Associate \(az-204\)](#)

PROFESSIONAL EXPERIENCE

AssetMark

July 2024 – Present

.Net Full stack Developer

Project: EWealthManagement

Project Description:

EWealthManagement by AssetMark offers comprehensive financial solutions tailored to client's unique needs. It combines technology with personalized advice, empowering advisors to manage portfolios efficiently. With robust analytics and investment strategies, AssetMark enhances client engagement, ensuring a seamless experience that drives growth and financial success for both advisors and their clients.

Responsibilities:

- Designed and developed **Microservices** web apps using **.NET Core and .Net8 and ASP.NET MVC, Angular 15, and OOPs** model execution service, enhancing data processing efficiency and dynamic provider information retrieval by improving the Outsystems app.
- Experience with Asynchronous messaging using Kafka, RabbitMQ, and Redis.
- Implemented Data extraction and streaming using Kafka.
- Used Kafka for message streaming. Connected to Kafka topics using various topics, and related information.
- Used Kibana to visualize Kafka topic messages for data search or identify any failure in the message stream in Kafka.
- LBP Processed data messages were streamed to different Kafka topics based on the message type and pushed those messages to the server and Palantir foundry for a business analysis of the customer's data.
- We have implemented **.NET Core and .Net8 Web API with Azure Functions**, using **Entity Framework Core** to optimize data flow and integrate seamlessly with **RESTful APIs** and **legacy network services**.
- Experience in using the React Native Framework with Redux, a JavaScript Framework for creating Hybrid Mobile applications to compile to Android and IOS simultaneously. Created the Components for the application using ES6 standards and deployed the apps into Enterprise Appstore.
- Developed trait handlers (services) for the devices to interact and update their different states using gRPC.
- Designed & implemented **RESTful APIs** using **ASP.NET WebAPI2**, supporting web apps with efficient data exchange.
- Used **Angular 15** to develop dynamic, responsive web apps that integrate seamlessly with backend services.
- Optimized **DOM** manipulation in the app's UI using Angular decorators and services, enhancing performance and efficiency through asynchronous programming techniques, implementing Redux and RTK Query.
- Developed in Python for ETL instantiating multi-threaded applications and running with other applications.
- Utilized **Visual Studio 2022** and **.NET Core and .Net8 framework** to create complex logic for policy management and billing apps.
- Developed an interactive **single-page app (SPA)** using **Angular15 & TypeScript**, creating reusable components and services with dependency injection for efficient **CRUD operations** and lazy loading for optimal performance with Model Binding.

Arborgold Pvt LTD

July 2021 – July 2024

.Net Full stack Developer

Project: Migration and Design Library (03/23

– 07/24) Project Description:

Migration and Design Library is migrating the Angularjs app to the latest Angular, replacing Javascript with Typescript. Developed dynamic & responsive UI components using Angular, leveraging Bootstrap for a consistent look and feel

across platforms. Utilized .NET8f and ASP.NET MVC to implement RESTful APIs & complex business logic to enhance scalability. Created a secure policy selection module with JWT-authenticated API endpoints using .NET Core and .Net8 Web API, integrating billing calculations with Entity Framework Core for object-relational GIS Mapping, and optimizing database.

Responsibilities:

- Created **Angular directives, services & controllers** for ground-up development & migration of existing **jQuery web apps**.
- Developed cross-browser apps using **Bootstrap & JavaScript**, ensuring compatibility & responsiveness across platforms.
- Developed **RESTful APIs in C#**, facilitating efficient **data exchange** and integration with third-party services.
- Integrated session management using **JWT tokens** to enhance security and user experience with the app.
- Skilled in designing & deploying **ETL solutions** using **CosmosDB and SQL Server Integration Services (SSIS)**, alongside developing insightful reports with **SQL Server Reporting Services (SSRS)** and **SSMS** to drive data-driven decisions and enhance organizational efficiency.
- Designed & deployed secure **Kafka** platforms across multiple environments, ensuring robust infrastructure setup, and adherence to security best practices & implemented messaging standards for real-time data processing.
- Configured **Azure API Management (APIM)**, **Azure Active Directory Authentication (AAD)**, and **Google Cloud (GCP)** using **OAuth**
- **2.0** Implicit flow for secure user authentication and role-based access control.
- VSTS (Visual Studio Team System) used for version control reporting, requirements management, project management
- Used MongoDB internal tools like Mongo Compass, Mongo Atlas Manager & Ops Manager, Cloud Manager
- Implemented **GraphQL API** to enhance data retrieval efficiency and streamline communication between client and server, significantly improving app performance and user experience.
- Managed source code versioning using **Git**, ensuring efficient tracking of changes by integrating new features in the project.
- Implemented **unit testing**, integration testing, and system testing using **NUnit**, ensuring high-quality & reliable code.
- Utilized **Jasmine**, Angular testing framework helps test components, services, and directives, ensuring robust & reliable frontend functionality using life cycle hooks as best.
- Created and managed **Azure Build and Release (CI/CD)** pipelines with automated triggers for policy creation and management, enabling real-time updates and efficient deployment of new policy features and improvements Azure Batch/Web Jobs.
- Configured **Azure cloud service** for endpoint deployment & Developed code scripts (**XAML**) using **Azure pipelines** to build, maintain, and deploy the apps into Azure.
- Conducted testing of **Web API RESTful Services** using **Postman**.
- Automated OpenStack and AWS deployment using Cloud Formation, Ansible, Chef, and Terraform.
- Deployed **.NET Core and .Net8 APIs** in **OpenShift Container Platform (OCP)** using **Jenkins** for build strategy, **Kubernetes** for managing and scaling containers, and **Docker Images** using Docker for Windows.
- Developed Cloud-based solutions in **Microsoft Azure** – using **PaaS & IaaS** to provide scalable, integral solutions.
- **Environment:** .NET8, ASP.NET Core and .Net8 MVC, C#, Angular15, ReactJs, Redux, Ionic, JSON, JavaScript, HTML5, CSS3, AJAX, jQuery, Bootstrap5, TypeScript, NGRX Platform, REST API, Visual Studio Code 2022, OpenShift, GIT, Microsoft SQL Server, Mongo DB GraphQL, AWS, LINQ, Jasmine, Jenkins, NUnit, Docker, Kubernetes, HIPPA, Micro Services, CosmosDB.

Project: Mobile Crew (07/21

02/23) Project Description:

Mobile Crew project is used to help and guide the crew member for the list of jobs and services along with the tasks

displayed. Mainly used for the clock in and clock out in the task and resources used along with the equipment and the display of the prerequisites required for the job completion. Developed a crew management system using Angular 9, C#, ASP.NET Core, and .Net8, enhancing performance with caching mechanisms and efficient data access through Entity Framework

Responsibilities:

- Used **Microservice** architecture-based services interacting through **REST** and leveraging **Azure** to build, test, and deploy.
- Developed the IOS and Android mobile application using the React Native Framework and JavaScript ES6 to create components like carousel, switch, and state management using Redux.
- Developed backend services in **C#** for data processing & computational tasks in a crew management system, enhancing performance through caching mechanisms at both page & **ASP.NET web server** control levels and model execution service.
- Leveraged **Serilog's** asynchronous logging in an **ASP.NET Core and .Net8** application by achieving a 20% improvement in system performance with enhanced structured logging for better insights and analytics with Model Binding.
- Created **RESTful Web API** services with **ASP.NET Web API**, providing data for EMS consumed by **Angular 9** on the front end.
- Employed **Entity Framework** for efficient data access and object-relational GIS Mapping, ensuring seamless database integration.
- I worked on the Google Cloud Platform (GCP) for existing applications. Automated OpenStack and AWS deployment using Cloud Formation, Ansible, Chef, and Terraform.
- Proficient in utilizing **Azure Cloud's API Gateway** service for managing and securing APIs, facilitating efficient communication, scalability, and integration in cloud-based applications.
- Utilized **Jasmine**, Angular testing framework helps test components, services, and directives, ensuring robust & reliable frontend functionality using life cycle hooks as best.
- Experience with Asynchronous messaging using Kafka, RabbitMQ, and Redis.
- Implemented Data extraction and streaming using Kafka.
- Used Kafka for message streaming. Connected to Kafka topics using various topics, and related information.
- Used Kibana to visualize Kafka topic messages for data search or identify any failure in the message stream in Kafka.
- LBP Processed data messages were streamed to different Kafka topics based on the message type and pushed those messages to the server and Palantir foundry for a business analysis of the customer's data.
- VSTS (Visual Studio Team System) used for version control reporting, requirements management, project management
- Developed a globally distributed web application utilizing **CosmosDB** for low-latency data access and seamless scalability.
- Utilized **Oracle SQL** and **PL/SQL** for structured data storage and query optimization & employed **MongoDB** for handling large volumes of unstructured data, ensuring efficient and scalable data management in the policy selection module.
- Implemented **OAuth2** authentication & authorization in .NET applications for standardized and secure user access control.
- Developed Telerik GUI Controls using **WinForms, WPF Controls & Windows** controls in **.Net 4.7**, leveraging **XAML, C#** for declarative UI design.
- Optimized **WCF (Windows Communication Foundation) service** performance within **SOA architecture** in .NET by applying load balancing, asynchronous operations, and connection pooling, resulting in improved response times and scalability.
- Leveraged **SQL Server, SQL databases**, and No-SQL, MongoDB for efficient data storage, retrieval, and management in .NET applications.
- Used the prism framework in WPF Application development with the MVVM Pattern
- Automated a couple of workflows using PowerShell. Involved in writing background jobs using PowerShell.
- Developing PowerShell Script files to Automate Office 365.

- Create PowerShell scripts for server Installs/ad-hoc business reports. Developed complex modules using ASP .NET, AJAX, and C#.
- Collaborated with database administrators to optimize database queries and ensure seamless data retrieval for **Crystal Reports**.
- Proficient in **RabbitMQ** for reliable and scalable messaging within .NET applications MSMQ.
- OutSystems is a leading low-code technology in the market. OutSystems is all about speed, agility, and adoption. OutSystems helps customers and partners build enterprise-level applications 10X faster.
- Utilized **Karma testing** frameworks for thorough unit testing of Angular applications, especially front-end UI components.
- Conducted testing of **Web API RESTful Services** using **Swagger and Postman**.
- Designed, implemented, and supported automated Continuous Integration and Continuous Delivery (**CI/CD**) processes using
- **Azure DevOps** Conducted code reviews, and resolved merge conflicts within **Azure DevOps**.
- Utilizing **Jira** for defect management indicates a structured approach to issue tracking and resolution, which is crucial for maintaining and improving **ORM**-based data access layers over time.
- Managed **Azure Blob Storage** infrastructure, utilizing Azure Notification Hubs, Azure Event Hubs & Azure Queue Storage for effective messaging and automation. Created & optimized automated pipelines in **Azure DevOps** to streamline Docker deployments on Azure VMs.
- Developed trait handlers (services) for the devices to interact and update their different states using gRPC.
- Utilized **Jenkins** for **continuous integration and continuous deployment (CI/CD)** ensuring reliable, consistent software delivery.

Environment: ASP.Net 4.7, C#, .Net 4.7, Web Services, Angular 9, JSON, WCF, SOA, MVC 3.0, HTML5, CSS3, IIS, Visual Studio 2019, VS Code, SQL Server 2008 R2, SQL Server Management Studio 2008, LINQ, WinForms, Crystal Reports, Kubernetes, Helm Chart, AJAX, Entity Framework 4.0, Microservices, AWS, Azure DevOps Server, Serilog, NGRX, SSIS, WPF, Oracle, Swagger, Postman, Git, karma, X unit, IBM AIX, CosmosDB.

United Nations (UNO)

Jan 2020 – Jun 2021

Security Council

Senior Software Developer

Project: Journal (General Assembly),

NewYork, Remote Project Description:

The United Nations is an intergovernmental organization tasked with maintaining international peace and security, developing friendly relations among nations, achieving international cooperation, and being a center for harmonizing the actions of nations. The General Assembly is one of the six principal organs of the United Nations, the only one in which all member nations have equal representation, and the main deliberative, policy-making, and representative organ of the UN.

Arborgold Pvt LTD

Aug 2018– Jan 2020

.Net Full stack Developer

Project: E-Proposal and E-Invoice (08/18 –

01/20) Project Description:

E-proposal and Einvoice are the main 2 projects where we have revamped the existing app and created a dynamic proposal. Which will be creating and displaying the proposal to the user and the necessary actions to it. An E-invoice is the invoice passed to the user through email communication. Developed a financial dashboard app using AngularJS & .NET Core and .Net8. This involved designing intuitive UI components for real-time fund performance insights & implementing secure Web API and WCF (Windows Communication Foundation) services to ensure seamless data integration and processing. Additionally,

Responsibilities:

- Utilized **Agile** methodology with **Scrum** for iterative development, facilitating flexibility, collaboration & timely delivery of project milestones.

- Implemented Data extraction and streaming using Kafka.
- Experience with Asynchronous messaging using Kafka, RabbitMQ, and Redis.
- Implemented **.NET Core and .Net8 Web API and WCF (Windows Communication Foundation) services** for secure data processing and integration in Private Equity accounting, ensuring efficient data retrieval and seamless integration.
- Involved in building flexible UI, user-friendly web pages, reusable classes, and functions using **ASP.NET, C#, AJAX, and JavaScript**
- for client-side validation.
- VSTS (Visual Studio Team System) used for version control reporting, requirements management, project management
- Developed User Help Site and Criminal Transfer System of AC6 using .Net 4.0, MVC-3.0, and Razor View.
- User interface (UC4 Automic) Job Monitor, support for job failure. Error handling in COBOL script.
- Designed & developed key financial dashboards using **AngularJS**, providing real-time insights into fund performance & metrics.
- Developed and maintained **SQL Server** stored procedures and functions for Fund Accounting processes, including capital calls, distributions, and valuation adjustments, enhancing financial data processing using **SQL Server and ADO.NET**.
- Configured **API Management & OAuth2 authentication** with **JWT tokens** to ensure secure and scalable app architecture.
- Developed **single-page apps (SPA)** based on **JavaScript framework** with **AngularJS** for employing **ASP.NETMVC, Web API** and to provide a seamless user experience for financial data entry and reporting.
- Utilizing **Jira, Confluence** for defect management indicates a structured approach to issue tracking and resolution, which is crucial for maintaining and improving **ORM-based** data access layers over time.
- Designed **InfoPath forms** based on user roles, view GIS Mapping & associated workflows with InfoPath forms in **SharePoint server**.
- Designed and implemented real-time data processing pipelines using **Apache Kafka** for decoupled and scalable systems.
- Involved in complete app stack in **AWS** like **EC2** and used **Microservice architecture**, based services interacting through a combination of **REST** and leveraging **AWS** to build, test, and deploy Microservices.
- Deployed app on **AWS**, leveraging Amazon **Kinesis** for real-time data streaming and processing.

Environment: .NET Framework, Visual Studio.NET, C#, JSON, MVVM, Telerik Controls, Web Services, SOA, AngularJS, QNXT, LINQ, Lambda Expressions, Team Foundation Server, SQL Server, Serilog, SSRS, n-Unit Test, Power Tools, Windows, Agile (Scrum), AWS, CosmosDB

Danske Bank (Danske IT and Support Services Pvt Ltd)

Jun 2015 – Jul 2018.

.NET app Developer

Project: Payments Client (CRUD Operations) Market IT Team

(03/16 – 08/18) Project Description:

Payments Clients is under MIT, a project that deals with Trading and the payments of the flows of transactions with Micro service and Restful services along with Rabbit Messaging Queue. It is the Danske Bank White Paper Project. Which replaced the existing Mainframes Technology COBOL with the C# Windows app to make it more robust.

Project: ROMA Project Marketing IT (MIT) (02/14 – 02/16)

Project Description:

ROMA *Project Marketing IT* is that deals with the Trade flow of transactions as Cash Flow and Cash Settlement with Micro service and Restful services along with the Rabbit Messaging Queue. It is the Danske Bank White Paper Project. Which replaces the existing Mainframes Technology with C# Windows app to make it more robust with the People Plus (ERP) system replacing it with the existing People soft with Micro service and SOAP services along with Rabbit Messaging Queue.

Project: Head office Functions, Core Banking Infrastructure (CBI) (06/12 – 02/14)

Project Description:

Under CBIT, we are under a HOF project that deals with the People Plus (ERP) system replacing it with the existing People

soft with Micro service and SOAP services along with Rabbit Messaging Queue. It is the Danske Bank White Paper Project. Which replaces the existing Mainframes Technology with the C# Windows app to make it more robust. Under HOF- CBI, we have an OOPS3 project that replaces People soft with People+. It is the Danske Bank ERP system that is phasing out.

Responsibilities:

- Utilized **GIT** for source code management, including cloning project files, updating branches, and regularly retrieving the latest code.
- Integrated **Oracle SQL** with **.NET** apps using **ADO.NET** and **Entity Framework**, ensuring seamless data access and high reliability.
- Implemented abstract classes, interfaces, and business logic in C#, and developed the business logic Data Access layers, and writing methods in **C# with Visual Studio .Net**.
- Utilized **Entity Framework** for efficient object-relational GIS Mapping in a **.NET Core and .Net8** web app, improving data retrieval performance and reducing database load by 40% through optimized queries and caching strategies.
- Involved in creating services using **WCF (Windows Communication Foundation)** and consuming it in the web app.
- Deployed app using **AWS services**, leveraging **EC2, S3, Lambda & SQS** for high scalability & managed **AWS S3** storage infrastructure to optimize automated pipelines & streamline deployments on **EC2 instances**.
- Managed and expanded **AWS S3** storage infrastructure, creating and optimizing automated pipelines in **AWS Code Pipeline**
- to streamline **Docker deployments on EC2 instances**.
- Used RAZOR view engine to generate Views/ Pages.
- Implemented **CI/CD** pipelines using **Jenkins**, ensuring reliable and consistent software delivery.
- Ensured high-quality software through **NUnit** testing for various app modules, maintaining robust and error-free code.

Environment: .NET Framework, ASP .NET, Visual Studio, C#, ASP.NET MVC, WCF, React.JS, Redux, Razor Views, Partial Views, Layouts, ADO.NET, Web services, XML, HTML, CSS, JavaScript, jQuery, SQL Server, AJAX, Oracle DB, PL/SQL Git, Aws, Nunit, Docker, Jenkins.

Education: Jawaharlal Nehru Institute of Technology (B. Tech)

Aug 2008 - May 2012