

Shanmugasundaram Mariyan

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PROFESSIONAL SUMMARY

Results-driven Senior Software Engineer with 10 years of experience in designing and developing web and desktop applications using .NET and .NET Core technologies. Proficient in building responsive Single Page Applications (SPAs) and backend services with expertise in databases, system integration, and client interaction. Known for problem-solving, delivering customer-centric solutions, and thriving in high-pressure environments.

TECHNICAL SKILLS

Technologies : ASP.NET Web API, MVC, NodeJS, C#, LINQ, Entity Framework, GraphQL
Frontend : JavaScript, jQuery, AngularJS, HTML, CSS, Bootstrap, Angular 16
Database : MS SQL Server, Oracle, PostgreSQL
IDE : Visual Studio, VS Code
Cloud : AWS(Lambda, S3, EC2, SQS, CloudWatch, RDS, Batch)
Others : IIS, Windows Service, Socket.io, GitHub, SSRS 2008, GitHub Copilot

PROFESSIONAL EXPERIENCE

Wells Fargo - Senior Software Engineer

Duration: Jun 2023 – Till date

- Collaborated with cross-functional teams to deliver enhancements for the compliance management platform.
- Developed responsive modules using Angular and integrated them with backend APIs.
- Contributed to UI/UX refinement using Kendo UI components.
- Optimized business logic and data access layers for high performance.
- Participated in code reviews, deployments, and performance tuning.
- **Project :** Global Preclearance System
- **Technologies :** .NET Core MVC, Kendo, Web API, LINQ, Angular, GitHub.

CGI Inc - Senior Software Engineer

Duration: Jul 2021 – May 2023

- Designed and implemented scalable APIs using GraphQL for internal and external data consumers.
- Ensured abstraction between application logic and data access to maintain system integrity.
- Wrote unit and integration tests to improve overall test coverage.
- Led technical discussions and documentation for GraphQL schema evolution.
- Assisted in cloud deployment and monitoring using AWS services.
- **Project :** OnePhoenixAPI
- **Technologies :** .NET Core Web API, LINQ, GraphQL, Oracle, GitHub.

Infosys Limited - Technology Analyst

Duration: Oct 2019 – July 2021

- Built microservices to automate stock reconciliation and variance reporting.
- Integrated AWS components (Lambda, Batch, S3, SQS) for scalable processing.
- Configured Power BI dashboards to visualize stock activity and reset status.
- Created alert mechanisms using AWS to keep stakeholders informed.
- Led code optimization initiatives and best practices adoption within the team.
- **Project :** Stock Reset
- **Technologies:** AWS (Lambda, Batch, SQS, Cloud Watch, EC2, RDS, S3), .NET Core, NodeJS, MySQL.

- Developed and integrated AI-enabled chatbots using Dialogflow for real-time user engagement.
- Designed and implemented chat workflows and user journey logic.
- Built real-time messaging and notification services using Socket.io. Integrated Sinch AP for audio communication between agents and users.
- Conducted research on emerging tech to enhance performance and usability.
- **Project** : OrangeAI
- **Technologies**: AngularJS, NodeJS, Socket.io, Dialogflow, Bootstrap, Sinch, MySQL.

- Engineered a comprehensive hostel management system with biometric and IVR integration.
- Developed over 200 detailed reports using SSRS and supported role-based access controls.
- Implemented multi-user workflows and automated notifications via SMS.
- Designed scalable using AngularJS and built backend with WCF & Web API.
- Contributed to WPF-based desktop modules and Windows Services.
- **Project** : Smart Hostel
- **Technologies** : AngularJS, ASP.NET MVC, ASP.NET Web API2, WCF, WPF, Windows Services, C#, SQL Server 2008 R2, SSRS, LINQ, HTML5, CSS, Bootstrap, JavaScript, jQuery.

CERTIFICATION

- AZ-900 Microsoft Azure Fundamentals.
- AI-900 Microsoft Azure AI Fundamentals.

EDUCATION

- **MCA**, Sri Ramakrishna Engineering College, Anna University - 2015 (CGPA: 7.9).
- **BCA**, NGP Arts and Science College, Bharathiar University - 2013 (CGPA : 7.0).
- **HSC**, Government Higher Secondary School - 2010 (72%).
- **SSLC**, Government Higher Secondary School - 2008 (74%).

PERSONAL DETAILS

Date of Birth	:	March 23, 1993
Marital Status	:	Married
Spouse Name	:	Savitha Subramanian
Languages	:	Tamil, English
Hobbies	:	Playing cricket
Passport Number	:	S6418614