

THIRUMURUGAN M

TAMIL NADU, CHENNAI

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Profile Summary

- Dynamic and results-oriented software developer with a strong background in developing and implementing robust web applications Proficient in C#, JavaScript, SQL, and ASP.NET MVC, with hands-on experience in Azure Cloud services.
- Adept at Agile development methodologies, with a focus on continuous integration and continuous deployment. Proven ability to collaborate with cross-functional teams and effectively manage workflows to meet organizational objectives.

Experience

FULL STACK DOT NET DEVELOPER

Company: Access Healthcare | **Location:** Chennai | **Duration:** (2022-2025)

- Spearheaded the design and development of a multi-layered application, ensuring seamless integration and communication between different layers.
- Collaborated with cross-functional teams to meet evolving business requirements and supported internal process improvement initiatives. Worked in Agile methodology, enabling streamlined workflows for Continuous Integration and Continuous Deployment (CI/CD), significantly reducing time-to-market for new features.

Project

Identity Management System:

- Developed a centralized User Identity Management System to implement robust authentication and authorization mechanisms across applications. Utilized **Entity Framework Core** for efficient database interactions, ensuring secure user data storage and management.
- Integrated **Single Sign-On (SSO)** for seamless authentication across multiple applications, enhancing user experience. Implemented **OAuth** for token-based authentication, enabling secure third-party login and authorization.
- Designed and enforced **Role-Based Access Control (RBAC)** using the **Casbin** library, managing user roles and permissions to filter access based on predefined security policies.

Password Manager for Maintaining Client Secrets:

- Developed a secure password manager using Azure Key Vault to store and retrieve sensitive data, enhancing security measures for end-user information.
- Integrated advanced security protocols to ensure the integrity and confidentiality of stored secrets and certificates.

Technical Skills

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| • Programming Languages | : C#, JavaScript, SQL (MS SQL SERVER) |
| • Frameworks & Technologies | : ASP.NET CORE, ASP.NET MVC, EF CORE, REACT |
| • Cloud Technologies | : Microsoft Azure (Azure Functions, Web Apps, Storage) |
| • Tools & Platforms | : Visual Studio, VS Code, Postman, GIT, Azure Devops |

Extracurricular/Certification

- Microsoft Azure Administrator Associate (AZ-104) | [Certification](#)
- Advanced Javascript | [Certification](#)
- Data structure and algorithm | [Certification](#)
- Kubernetes for Beginners | [Certification](#)

Education

DG Vaishnav College of Arts and Science
Master of Computer Applications (MCA)

CGPA: 8.3 | June 2020 – August 2022