

Mahendran V

FULLSTACK DEVELOPER

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PROFESSIONAL SUMMARY

Highly skilled .NET Developer with 1 year and 7 months of experience specializing in .NET Core, C#, and SQL Server, with a strong foundation in full stack development. Proven ability to build responsive and scalable applications, leveraging expertise in ASP.NET, Entity Framework Core, and REST APIs to create secure, high-performing back-end solutions. Experienced in enhancing user experiences and improving project efficiency, with hands-on skills in front-end technologies like HTML, CSS, Tailwind CSS, and React. Adaptable and collaborative team player, eager to apply my technical skills and dedication to impactful .NET-focused projects within growth-oriented environments.

TECHNOLOGIES AND TOOLS

- **Languages & Frameworks:** .NET Core, C#, JavaScript, Node.js, Python
- **Front-End Technologies:** HTML, CSS, Tailwind CSS, React JS
- **Back-End Technologies:** ASP.NET, Entity Framework Core, SQL Server, REST APIs, PostgreSQL.
- **Development Tools:** Visual Studio, Git, GitHub, SQL Management Studio, Postman, JIRA, Confluence
- **Methodologies:** Agile, SCRUM, Version Control

PROFESSIONAL EXPERIENCE

Apr 2023 - Present

Xela Healthcare Solutions (Formerly Techstarz Solutions Pvt. Ltd.,)

.NET Fullstack Developer

Roles and Responsibilities

- Developed and maintained multiple full-stack applications using .NET Core, C#, EF Core, and SQL Server, ensuring high performance and scalability across projects.
- Built applications using the StartSharp framework (.NET Core 8), leveraging its advanced features to streamline development processes and improve project efficiency.
- Designed and implemented back-end functionality, integrating SQL Server and Azure services for reliable data management and storage solutions.
- Developed creative solutions, including a chatbot feature and an Arduino-based simulator for CPR training, combining .NET and Python to achieve innovative project outcomes.
- Deployed and managed applications on IIS, ensuring secure, stable, and optimized server environments.

KEY PROJECTS

PAC (Pre-Anesthesiologist Consult)

Techstacks: .NET Core, C#, SQL Server, Azure, Bootstrap

- Developed a web app for managing patient records, dosage calculation with rule engine, and secure multi-role access (hospital admin, anesthesiologists, technicians).
- Implemented PAC, intra-op, and monitoring forms, hosted on Azure for scalability and secure data storage.

CPR Simulator

Techstacks: Arduino, Python, C#, WPF, SignalR

- Created a training tool for CPR, connecting an Arduino-equipped mannequin to capture data via Python and display real-time results in a C# WPF app.
- Used SignalR for live feedback, enhancing training effectiveness for CPR techniques.