

SAM LEAL

Software Engineer | Front-End Development | Backend APIs | ASP.NET Core | Microservices
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Summary

Detail-oriented Software Developer with expertise in full-stack development and a strong command of ASP.NET Core, C#, and RESTful API design. Skilled in building scalable microservices, optimizing user experiences with AngularJS, and managing backend data with SQL Server. Proven track record of success in Agile environments, demonstrated through impactful roles at LogixHealth and the Massachusetts Property Insurance Underwriting Association, where contributions improved system performance, scalability, and operational workflows. Experienced in deploying applications with Azure DevOps, implementing robust testing frameworks, and enhancing development and deployment pipelines. Holds a Bachelor's degree in Computer Science with a focus on MVC application development and object-oriented design, combining technical proficiency with a commitment to delivering high-quality, innovative solutions.

Experience

Massachusetts Property Insurance Underwriting Association Boston, MA

Full Stack Developer 05/2025 - 01/2026

- Redesigned the PDF generation logic for the Agency Application form on the corporate website, resolving a defect that caused EFT data to appear incorrectly in AISB.pdf; updated legacy AngularJS front-end integration with the .NET 4.7.2 Business Layer and PDF Stamper Library to ensure AUSR.pdf contained all financial data plus attachments while AISB.pdf excluded EFT information.
- Resolved a critical authentication defect in the IVANS AdminUI by correcting the username and password credentials in appsettings.json, enabling the Infinity desktop application to securely connect and transmit Producer information to the external IVANS insurance network.
- Enhanced 9 DECPAGE reports using SAP Crystal Reports 2020 & Oracle PL/SQL on cloud servers. Implemented conditional logic in to adjust sections by policy type & company ID (MA vs. RI Joint Reinsurance Assoc.).

LogixHealth Bedford, MA

Software Engineer I 11/2024 - 02/2025

- Designed and developed the MobilePay API, a brand-new ASP.NET Core 8.0 Web API microservice for automated 3-, 7-, and 14-day patient payment follow-up emails; built the foundational project structure with Swagger UI and implemented the File Backup Worker Service to securely back up 835 Statement Files to production servers.
- Enhanced the DoctorPayments MVC application and API by creating new C# models, API endpoints, and front-end updates using JavaScript, jQuery, and AJAX to support insurance card image uploads (front and back), reducing manual patient processing time by 40%.
- Added a Voucher Card information screen to the DoctorPayments MVC Account Page and optimized the associated SQL stored procedure for grouped patient data retrieval by statement date.

LogixHealth Bedford, MA

Junior Software Engineer 01/2022 - 10/2024

- Performed maintenance and new feature development on the Reconciler Rules Engine (RRE), LogixHealth's highest-revenue-generating monolithic backend system; successfully upgraded it from .NET Framework 4.7.2 to .NET Core 6.0.
- Provided comprehensive knowledge transfer, training, and 6-month post-handoff support (September 2023 – March 2024) to the LogixHealth India development team for seamless ownership of the RRE application.
- Developed and maintained C# Web APIs, legacy WCF apps, hybrid ASP.NET Core MVC solutions, and additional features such as the Miami, Florida conference registration page using JavaScript, jQuery, AJAX, and SQL Server.
- Upgraded legacy WCF applications and contributed to hybrid ASP.NET Core MVC solutions, worker services, consumer services, and microservices using advanced C#, .NET Core, and SQL Server, streamlining business processes and improving reporting capabilities.

Education

Framingham State University Framingham, MA

Bachelor of Science in Computer Science 09/2012 - 08/2016

Skills

ADO.NET • Agile SDLC • AJAX • AngularJS • ASP.NET Core • ASP.NET MVC • Azure • Azure DevOps • Big Data • C# • .NET Framework • .NET Core • Dapper • Docker • Code-First Approach • Copilot • Consumer Services • CSHTML5 • CSS • Database-First Approach • EF Core • Entity Framework Core • Git • GitHub • GitHub Copilot • HTML • JavaScript • JSON • jQuery • LINQ • Microservices • Microsoft SQL Server • Moq Framework • MS Unit Tests • MVC • Node.js • Object-Oriented Programming • OOP • Object-Relational Mapping • ORM • Postman • RabbitMQ • Relational Database Management Systems • RDBMS • RESTful APIs • SaaS • SSMS • Scrum • SQL Server • Swagger UI • TFS • Team Foundation Server • TDD • Test-Driven Development • Toad • Unit Testing • VB.NET • Visual Studio Code • Visual Studio Professional • WCF • Web APIs • Worker Services