

MATTHEW SALAMACK

Senior Full Stack Software Engineer

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with proven professional experience building and maintaining production SaaS web and mobile applications using C#, ASP.NET Core, React, React Native, SQL Server, and Azure. Experienced designing REST APIs, optimizing SQL performance, implementing secure authentication, modernizing legacy systems, and delivering software used by thousands of users. Comfortable working directly with clients, product owners, and cross-functional teams throughout the software development lifecycle.

PROFESSIONAL EXPERIENCE

Upstream Impact

2022 – Present

Software Developer II (Sep 2025 – Present) | *Software Developer* (2022 – Sep 2025)

- Promoted to Software Developer II after demonstrating ownership of complex features and technical problem solving.
- Helped develop and launch the Nectar platform, supporting more than 20,000 users.
- Reduced report generation from timing out to under one second by redesigning the processing pipeline using efficient dictionary-based lookups.
- Built and maintained ASP.NET Core REST APIs and backend services with Entity Framework Core, powering React and React Native applications.
- Designed and optimized SQL Server queries, views, and stored procedures against production databases containing millions of rows.
- Implemented Microsoft Entra ID / Azure B2C authentication for applications with HIPAA and SOC 2 compliance requirements.
- Integrated third-party services including Twilio, SendGrid, Salesforce, Google APIs, Formstack, and Microsoft Graph.
- Worked directly with clients to evaluate legacy systems and helped secure and implement modernization projects.
- Investigated and resolved production issues across the full stack; participated in architecture discussions, sprint planning, and code reviews.

TECHNICAL SKILLS

Languages C#, JavaScript, TypeScript, SQL, HTML, CSS

Backend ASP.NET Core, .NET 6 / .NET 8 / .NET 10, Entity Framework Core, REST APIs, LINQ

Frontend React, React Native, Kendo UI, Bootstrap, Tailwind CSS

Database SQL Server, Stored Procedures, Views, Query Optimization, SSMS

Cloud Azure, Azure Functions, Microsoft Entra ID, Azure B2C, Azure App Services

Tools Git, Azure DevOps, Jira, Visual Studio, VS Code, Postman

EDUCATION

Bachelor of Science in Mathematics

2022

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