

SCOTT ROY MURPHY

Personal Summary

- Senior Software Engineer with 15+ years of experience designing, developing, and modernizing applications using the Microsoft technology stack (.NET, C#, SQL Server, Azure) and front-end frameworks including React and Angular.
- Proven track record of building scalable, cloud-ready applications by re-architecting legacy systems, implementing responsive web solutions, and optimizing database structures for performance and reliability.
- Hands-on expertise in designing and maintaining CI/CD pipelines with Jenkins, Octopus, Git, and Azure DevOps, ensuring fast and reliable software delivery.
- Experience developing tailored software solutions to meet state-specific requirements, including custom interfaces, compliance-driven workflows, and secure integrations for government agencies.
- Transformed underperforming systems by redesigning architecture, optimizing code, and modernizing legacy applications, which improved performance and user satisfaction. Contributed to software innovations and custom solution development that directly supported \$10M+ in revenue growth.
- Committed to continuous learning and knowledge-sharing, with experience leading and mentoring peers on best practices, modern frameworks, and cloud technologies.
- [GitHub Profile https://github.com/srmbsrg](https://github.com/srmbsrg)

Professional Experience

Loomis Armored, Houston, TX (March 2022 to March 2025)

Sr. Software Engineer

- Led the enhancement of application performance and scalability by leveraging the full .NET tech stack and React, ensuring a seamless user experience and maintainability.
- Guided the modernization of legacy applications by leading the migration of Loomis Direct to .NET Core and transforming it into a responsive single-page web app powered by React.
- Directed the integration of Loomis software suites into a unified system, improving data accessibility and enabling cross-functional collaboration across teams.
- Migrated critical applications to Azure cloud environments, configuring services to improve scalability, security, and operational efficiency.
- Optimized CI/CD pipelines with Jenkins, Octopus, and Footprints, reducing deployment time by 30% and automating workflow processes.
- Facilitated cross-functional collaboration to refine login solutions, ensuring seamless authentication and system access.
- Oversaw the development of comprehensive engineering documentation, covering environment setup, configuration, and best practices, while mentoring team members on documentation standards.
- Assisted in the strategic migration from Authy to Ping, educating the team on new security protocols, which reinforced security measures and improved authentication reliability across the organization.
- Technologies: C#, C#.NET, .NET Core, .NET Framework, ASP.NET, ASP.NET Core, ASP.NET Web API, React.js, Node.js, Object-Oriented Programming (OOP), RESTful Web Services, RESTful Architecture, Web Services API, API Development, Microsoft Azure, Azure DevOps, CI/CD, Jenkins, Git, SQL Server

Transcore, Houston, TX (October 2019 to November 2021)

Sr. Software Engineer (Contract)

- Led the design and development of a fully customized interface for the State of Maryland using Transcore's flagship application, ensuring seamless adaptation to the state's specific requirements.
- Architected and deployed an Azure-hosted MSSQL database from scratch, optimizing data management, scalability, and system performance.
- Implemented advanced C#.NET solutions for multi-threaded file generation, transfer, and processing, significantly improving system efficiency.
- Engineered a dynamic ASP front-end using Angular, JavaScript, and Bootstrap, delivering an intuitive and responsive user experience.

- Integrated software systems, including API exchanges with BestPass and secure JSON file transfers via SFTP with MailHouse, ensuring seamless interoperability.
- Developed scalable JSON data transfer mechanisms and optimized MSSQL database structures for robust, future-proof interoperability.
- Collaborated with and guided a team of five engineers on high-impact integration projects, contributing to technical design, code reviews, and project delivery.

Roquemoire, Garland, TX (June 2015 to September 2019)

Sr. Software Engineer

- Led the revitalization of in-house WPF application (C#, SQL Server, SSRS) by integrating advanced UI features, improving functionality, performance, and scalability.
- Re-architected a client-facing MVC application (C#, SQL Server, SSRS, Angular, Angular Materials), enhancing responsiveness and aligning technical design with business requirements.
- Consistently recognized as a top performer in annual reviews, actively mentored junior developers, instilling best practices and fostering a culture of continuous learning.
- Coordinated and implemented integrations with key industry partners, including Equifax, TransUnion, CarFax, RDN, TLO, and Twilio, as well as systems acquired during company expansion.
- Directed integration projects with key industry partners, including Equifax, Transunion, CarFax, RDN, TLO, and Twilio.
- Led the upskilling of the IT team in Tennessee following the company's acquisition by Primertus Financial.
- Configured and maintained critical systems including Active Directory, Exchange Server, SQL Server, and Telephony, supporting robust infrastructure and efficient operations.
- Consistently recognized as a top performer and contributed to team development through mentoring and sharing best practices.

Automated Integration, Dallas, TX (January 2011 to March 2015)

Sr. Software Engineer

- Revitalized a legacy ERP/Dispatching system that was two years behind schedule, updating core functionality and laying a foundation for future enhancements.
- Designed and developed tablet and smartphone field service applications (C#, SQL Server, SSRS), integrating them with the ERP system to improve field operations and customer engagement.
- Implemented Version 10 of the ERP/Dispatching system, executing complex technical upgrades while aligning functionality with business growth objectives.
- Developed over 100 custom Crystal Reports and key modules for Accounting (AP, AR, Payroll, Bank Reconciliation, Credit Card Integration) and Dispatching (Scheduling, Job Resolution, Job Costing, Technician Proficiency, Profitability).
- Applied technical strategies and system enhancements that contributed to tripling annual sales, scaling revenue to \$10 million within five years.
- Technologies: .NET, SQL Server, C#, RESTful Web Services, Object-Oriented Programming (OOP), Cascading Style Sheets (CSS), Redux.js, Git, RESTful Architecture, Entity Framework, DevOps, SQL Server Analysis Services (SSAS), Web Services API, Agile Methodologies, ASP.NET Web API.

Education and Certification

University of Houston School of Technology
Computer Science

Certifications

Professional Scrum with Kanban (PSK I), Scrum.org

Professional Scrum Developer (PSD), Scrum.org

Lean Six Sigma Methodology Certified (Yellow belt), 62365666-2209-E50C-5C2C-5032A4E65F93