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# SCOTT ROY MURPHY

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## Personal Summary

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Senior Software Engineer with over 15 years of proven success in delivering enterprise-grade software solutions, modernizing legacy systems, and driving cloud-first strategies using the full Microsoft technology stack. Expert in .NET (C#, ASP.NET, VB.NET), Azure, and front-end frameworks including React and Angular. Recognized for engineering scalable, secure applications and leading high-stakes projects in finance, transportation, and compliance-driven sectors.

Track record of transforming underperforming systems, accelerating CI/CD pipelines, and implementing cutting-edge features like AI-driven automation, advanced reporting (SSRS, Crystal Reports), and seamless third-party integrations (Ping, Twilio, Equifax, CarFax). Demonstrated ability to lead cross-functional teams, mentor junior developers, and act as a key liaison between technical teams and executive stakeholders.

Fluent in DevOps toolchains including Jenkins, Octopus, Git, and Azure DevOps, with a strong commitment to performance optimization, user experience, and future-ready architecture. Recognized for driving \$10M+ revenue growth through software innovation, strategic integrations, and custom solution development. Seasoned Senior Software Engineer with 15+ years of experience driving high-impact development projects, modernizing legacy applications, and integrating secure SSO solutions. Expert in full Microsoft tech stack, including .NET, Azure, and React, delivering scalable and cloud-optimized solutions. Dedicated to team collaboration, mentoring junior developers, and fostering Agile workflows to accelerate project success. Certified in Scrum methodologies, ensuring streamlined development cycles and alignment with business objectives. Automation and efficiency-focused, leveraging CI/CD pipelines and cloud solutions to reduce deployment time and enhance performance. Strategic mindset with a keen eye for time management and bottom-line impact, optimizing processes that drive cost-effective and high-value solutions

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## Core Competencies

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|-----------------|--------------------|-------------------|
| • C# .NET       | • Postman          | • VB6             |
| • VB.NET        | • Twilio           | • JSON            |
| • ASP.NET       | • SSRS/BI services | • Rest API        |
| • WebAPI        | • Azure            | • Node            |
| • WPF           | • Git              | • Crystal Reports |
| • MVVM          | • Subversion       | • TFS             |
| • MVC           | • Red Gate         | • DevOps          |
| • Xamarin Forms | • Jira             | • Jenkins         |
| • React         | • SourceTree       | • Footprints      |
|                 | • Octopus          | • JavaScript      |

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## Professional Experience

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### Sr. Software Engineer Loomis

10/2022 to 03/2025  
Houston TX

- Enhanced application performance and scalability by leveraging the full .NET tech stack and React, ensuring seamless user experience and maintainability.
- Integrated Loomis software suites into a unified system, improving data accessibility and cross-functional collaboration across multiple teams.
- Led Azure-based initiatives, transitioning critical applications to cloud-hosted environments for improved scalability, security, and operational efficiency..
- Modernized legacy applications by migrating Loomis Direct to .NET Core and transforming it into a responsive single-page web app powered by React.

- Optimized CI/CD pipelines using Jenkins, Octopus, and Footprints, accelerating deployment cycles by 30% and enhancing development workflow automation.
- Collaborated with cross-functional teams to refine login solutions, ensuring seamless authentication and system access.
- Developed comprehensive documentation for engineering processes, covering environment setup, configuration, and best practices.
- Led strategic migration from Authy to Ping, reinforcing security measures and improving authentication reliability across the organization.

## **Sr. Software Engineer**

**10/2019 to 11/2021**

### **Transcore**

**Houston TX**

- Solely designed and developed 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 the ground up, optimizing data management and system performance.
- Engineered a dynamic ASP front-end using Angular, JavaScript, and Bootstrap, delivering an intuitive and responsive user experience.
- Led complex software integration initiatives, including API exchanges with BestPass and secure JSON file transfers via SFTP with MailHouse.
- Implemented advanced C#.NET solutions for multi-threaded file generation, transfer, and processing, significantly improving system efficiency.
- Developed scalable JSON data transfer mechanisms and optimized MSSQL database structures for seamless interoperability.
- Directed and mentored a team of five engineers in high-impact integration projects, fostering collaboration and driving efficiency.

## **Sr. Software Engineer**

**06/2015 to 09/2019**

### **Roquemore**

**Garland TX**

- Revitalized our in-house WPF application (C#, SQL Server, SSRS) by integrating advanced UI features and functionalities, ensuring optimal performance and scalability.
- Consistently recognized as a top performer in annual reviews, I actively mentored junior developers, instilling best practices and fostering a culture of continuous learning.
- Re-architected the client-facing MVC application (C#, SQL Server, SSRS, Angular, Angular Materials), while working closely with Sales and Marketing to align technical advancements with customer and business needs.
- Directed integration projects with key industry partners—including Equifax, Transunion, CarFax, RDN, TLO, and Twilio—and played an instrumental role in coordinating integrations with companies acquired during my tenure.
- Following the company's acquisition by Primertus Financial, I was deployed to Tennessee for several weeks to upskill their IT team, ensuring a seamless transition and operational consistency.
- Configured and maintained essential systems (AD, Exchange Server, SQL, Telephony), reinforcing robust infrastructure and streamlined operations.

## **Sr. Software Engineer**

**01/2011 to 03/2015**

### **Automated Integration**

**Dallas TX**

- Took charge of a critical software update that had been two years behind schedule, revitalizing the legacy ERP/Dispatching System and setting a strong foundation for further innovation.
- Designed and directed the creation of tablet and smartphone field service applications (C#, SQL Server, SSRS) that seamlessly integrated with the core ERP system, enhancing field operations and customer engagement.
- Successfully implemented Version 10 of the ERP/Dispatching System, ensuring technical excellence and aligning the platform with business growth objectives.
- Designed and delivered over 100 custom Crystal Reports and developed key modules for Accounting (AP, AR, Payroll, Bank Reconciliation, Credit Card Integration) and Dispatching (Scheduling, Job Resolution, Job Costing, Technician Proficiency, Profitability).

- Leveraged innovative strategies and technical leadership to triple annual sales, scaling revenue to \$10 million within five years.

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### **Education**

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#### **School of Technology**

University of Houston

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### **Certifications**

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- 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

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### **Additional Work Experience**

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- MiChoice Technology, Sr. Software Engineer / R&D Coordinator
- Microcheck Technology Systems, Sr. Software Engineer / R&D Coordinator