

Kyle Simmons - Senior Software Engineer

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SUMMARY

Senior Software Engineer with deep expertise in full-stack development, cloud architecture, and performance optimization. Proven leader delivering scalable, high-reliability solutions that align technical decisions with business goals.

KEY SKILLS

- Programming Languages: Go, C#, SQL, JavaScript, Python, TSQL
- Frontend Technologies: React, React Native, Blazor, Next.js, HTML5, CSS3
- Backend Technologies: Node.js, REST APIs, Microservices Architecture
- Databases: MongoDB, MySQL, MSSQL, Azure SQL, Postgres SQL
- Cloud & Infrastructure: Kubernetes, Docker, Azure
- DevOps & CI/CD: Git, New Relic, Cronitor, Automated Testing (Selenium, Postman)
- Performance Optimization: High-availability architectures, Load balancing, Azure App Services, Index automation
- Code Refactoring: Migrating legacy code (VB 2, ASPX) to modern languages (Golang, C# 7.3, Blazor, Next.js)
- Documentation Automation: Automating README generation and maintaining up-to-date documentation via AI and GitHub Actions
- Security & Compliance: PCI DSS, PGP, RSA, AES256, GDPR, CCPA
- Agile & Collaboration: Scrum, Kanban, Cross-functional leadership, Stakeholder engagement
- Soft Skills: Tech Debt Prioritization, Incident Management, Outage first call, Mentorship and skill training, hiring and interviewing new engineers, culture club founder
- Business Development and KPI: Zendesk report writing, ROI technical assessment on new developments, RCA author, Process and Procedure author, R&R/SOR Author for new team creation, team/department budget management
- Fintech Skills: Card Issuing, Network Transaction Processing, ACH Processing, NACHA file format, PCI Security best practices

PROFESSIONAL EXPERIENCE

USIO — Platform Engineering Manager (2021 – Present) (Progressive Roles)

- Streamlined API integrations for 50+ partners, reducing onboarding time by 40%.
- Developed robust web applications with Azure App Services, achieving 99% uptime.
- Implemented query optimization in T-SQL and MySQL, resulting in 80% performance improvement.
- Led disaster recovery planning, reducing recovery time by 50%.
- Refactored legacy code from VB 2 and ASPX to modern languages (Golang, C#, Blazor, Next.js), reducing runtime from days to hours.
- Refactored a C# Core API authentication flow without disrupting users.
- Automated index creation in SQL databases, improving performance.
- Maintained platform stability with 99.999% uptime.
- Built CI/CD pipelines, reducing deployment time by 40%.
- Led a high-performing engineering team, defining roles and mentoring members.
- PCI Automated Test Suite – Implemented automated testing for compliance verification.
- Power BI – Developed data visualization and reporting tools for cardholder analytics.

Arcadium Technologies — Software Support Engineer (2019 –2021)

- Developed custom scripts in JavaScript, C#, and T-SQL for CRM systems.
- Automated document creation for vehicle sales processes.
- Automated report building for multiple partners.

Simmons & Son Trucking LLC — VP of IT (2010 – 2019)

- Engineered IT solutions for trucking operations, enhancing communication networks.
- Developed custom 3D-printed components, reducing maintenance costs by 15%.
- Digitized hard copy records.
- Modified Microsoft Access based accounting software to extend functionality.
- Managed internal hardware requirements and lifecycle and budget.

CERTIFICATIONS

- PCIP Certified — Payment Card Industry Professional (PCI Compliance)

Technical and Soft Skills

Technical Leadership: Strategic Planning, Mentoring, Stakeholder Engagement, Team Building, Risk Management

DevOps & SRE: CI/CD, Monitoring (New Relic, Cronitor), Disaster Recovery, Incident Management, Automation

Programming: Go, C#, Python, PowerShell, SQL, JavaScript, React, Node.js, Next JS

Cloud & Infra: Azure, Docker, Kubernetes

Tools & Methodologies: Git, Agile, Kanban, Scrum, Performance Tuning, Security Audits