Steven Stuart
Software Architect
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Professional Summary

Software architect with 15+ years designing and building cloud-native platforms, distributed systems, and scalable architectures. Proven track record of reducing infrastructure costs, strengthening security posture, and leading technical teams.

Professional Experience

System Architect | True Market Insiders — St. Petersburg, FL | Feb 2023 – Present

Led complete modernization of cloud infrastructure and development operations for a financial research platform serving investors. Directed architecture strategy, mentored engineering team, and delivered secure, scalable solutions aligned with business objectives.

Key Achievements:
- **Reduced cloud costs 80%** through infrastructure optimization and service consolidation
- **Enhanced security posture** with AWS WAF, zero-trust IAM policies, and compliant API architecture
- **Eliminated transaction instability** by rearchitecting service-based architecture, dramatically improving reliability for sales operations and client applications
- **Improved platform performance** by rearchitecting data layer with Aurora, DynamoDB, and Snowflake
- **Accelerated deployment velocity** by implementing CI/CD pipelines and automated testing environments

Technologies: .NET 8, ASP.NET Core, AWS EKS, GraphQL (HotChocolate), Aurora PostgreSQL, DynamoDB, Snowflake, EventBridge, CloudFront, WAF, CodeBuild, Vue.js, .NET MAUI

Senior Software Engineer II | Alkami Technology — Plano, TX | Jul 2018 – Jan 2023

Built scalable microservices and event-driven systems for digital banking platforms serving millions of users across 200+ financial institutions. Collaborated in an Agile environment to deliver high-quality features while mentoring team members on architectural best practices.

Key Achievements:
- **Pioneered serverless architecture** by developing Alkami's first AWS Lambda-based APIs, establishing patterns for future development

- **Launched real-time notification platform** enabling banks to deliver instant alerts to customers across web and mobile channels
- **Elevated code quality** through systematic code reviews and mentorship on SOLID principles and clean architecture

Technologies: .NET, ASP.NET Core, AWS Lambda, SQS, DynamoDB, SQL Server, Vue.js

Solutions Developer III | Cottonwood Financial — Irving, TX | Feb 2015 – Jun 2018

Developed enterprise applications for consumer finance operations. Led modernization initiatives to improve system architecture, enhance testability, and accelerate development velocity.

Key Achievements:
- **Delivered multi-location POS system** using WPF, deployed to hundreds of retail locations nationwide
- **Improved system scalability** by refactoring monolithic services into modular, independently deployable components
- **Reduced QA cycle time** by building automated testing tools and establishing testing best practices

Technologies: .NET, ASP.NET, WCF, SQL Server, WPF, MongoDB

Tech Lead | DealerSpeedLeads — Dallas, TX | Mar 2011 – Feb 2015

Led full-stack development for marketing technology SaaS platform. Architected scalable solutions, built automation systems, and delivered customer-facing applications while establishing development processes.

Key Achievements:
- **Architected multi-tenant inventory platform** supporting automotive, real estate, and e-commerce verticals with configurable data models
- **Built distributed automation system** processing thousands of daily operations across customer accounts
- **Established deployment processes** and delivered internal tools improving developer productivity

Technologies: .NET, ASP.NET, MySQL, WPF, WinForms, Selenium

Education

B.S., Computer Information Systems DeVry University — Irving, TX | Oct 2008 – Jun 2012