

Kevin Voell

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Software engineering professional with over 15 years of backend and enterprise experience.

Skills

C#, X++, JavaScript/ECMAScript, TypeScript, Node.JS, C++, HTML, Swift, Objective-C, Go
Visual Studio, Visual Studio Code, XCode, git
Dynamics 365 Finance & Operations, Dynamics AX v4-2012, Dynamics 365 Commerce
Microsoft SQL Server, RabbitMQ, NoSQL, Redis
Arduino, ESP32, JTAG, SWIM, I2C

Experience

Staff Software Engineer

RSM US LLP / Denver CO / December 2015 - Present

- Managed 5-person research and development team with focus on Blockchain, innovation, automation, and internal tools.
- Established technical direction and practices, including coding standards, peer reviews, and technical design and review process.
- Architected integrations that facilitated communication between cloud and legacy applications.
- Modernized 3 legacy microservices by refactoring them to reduce code complexity, implement dependency injection, and convert them from SOAP to JSON which increased performance by nearly 200%.
- Authored unit and integration tests for 6 microservices to increase code coverage from <20% to near 80%.
- Drove cross-industry innovation by leading and owning the innovation centers in 4 offices across the country.
- Debugged and fixed caching issues with cloud application reducing the need for manual intervention by 50%.
- Monitored, assessed, and quickly learned new technologies and created proof of concepts to prove viability.
- Collaborated with DevOps teams to debug and fix emergency issues in production environments.
- Interfaced with engineering teams across 3 business units to improve code consistency.
- Collaborated with business analysts and QA teams to develop user stories and acceptance criteria.
- Interviewed, assessed, and hired technical talent and mentored junior engineers.
- Advised the retail engineering team on development of store systems, including Point of Sale, store servers, and databases.

Senior Architect

Junction Solutions / Denver CO / July 2009 - December 2015

- Architected a multi-tier real-time system to facilitate operations in warehouse environments.
- Triaged, debugged, and fixed coding issues reported by QA and end users.
- Led technical requirements gathering, architectural discussions, and design of new products.
- Implemented code review process and led code review sessions to improve engineering quality.
- Facilitated marshalling data between systems by developing code generators for multiple programming languages.
- Developed enterprise level mobile applications for iOS, Android, and Windows.
- Built systems to provision, deploy, and manage development environments on servers.

Senior Software Engineer

Junction Solutions / Denver CO / July 2006 - December 2009

- Customized and integrated ERP systems with external and legacy applications.
- Engineered e-commerce website to enable customers to customize ATVs, buy parts, and create returns.

Projects

ContributionGraph2png

Go module to create an image of the GitHub contribution graph for a user to show on a website.

MoScenes

iOS application to control WeMo brand smart home devices over a local network.

Oh Yeah!

iOS application that used GPS and push notifications to manage to-do lists.