

Patrick Boudreaux

Summary

Software engineering leader who leads from within to deliver results

Skills/Profile

- Have 14 years experience developing commercial web applications
- Have 9 years engineering leadership experience
- Help build collaborative high-performing responsive teams
- Provide architectural and technical leadership
- Adept at root-cause analysis and turning analysis into action, for both technical and non-technical issues
- Can support customer, product and user research
- Lead and teach agile methodologies and software-as-a-craft approaches to achieve engineering excellence, plus lean techniques and continuous delivery to accelerate delivery of value
- Have multiple years experience with modern development patterns and frameworks
- Challenge convention and always seek ways to improve
- Extended Experience with C#, .NET MVC/WebAPI, HTML/CSS, Javascript
- Light experience with Java, React
- Outdated experience with MS SQL, document databases (RavenDB, MongoDB)

Experience

5/2020-Present *Amazon Web Services* *Seattle, Washington*

Software Development Manager

- Led a team to launch a new web interface for an AWS Service which delivered improved usability
- Worked with Product Manager and UX Designers to refine scope into an actionable plan
- Coached engineers in career development and skill building
- Provided architectural and technical guidance to engineers
- Guided the team through reformation exercises that improved morale and productivity
- Led the team to adopt agile best practices to improve collaboration and efficiency
- Introduced greater cross-functional collaboration (engineers, PM, UX), improving outcomes, engagement and job satisfaction
- Coached engineers in web development and engineering best practices
- Relevant technology: React, HTML, Javascript

1/2016-5/2020 *Alaska Airlines, Inc.* *Seattle, Washington*

Software Engineering Manager

- Lead and supported teams of software engineers designing and developing impactful

guest-facing software solutions resulting in hundreds of millions of dollars in increased revenue, hundreds of thousands of dollars in reduced costs, and improved guest satisfaction.

- Recruited and coached team members to build and maintain high-performing teams
- Fostered and maintained a supportive, flexible, creative, and autonomous environment that helped team members thrive
- Shared and fostered adoption of a vision for quality, cross-functional collaboration, and high performance
- Coached engineers in architectural and design work to maximize team member ownership, business outcomes, quality, and engineer career development
- Coached product managers in agile product management practice
- Removed organizational and systemic impediments to team success
- Worked with organization leaders to improve transparency and alignment between business priorities and team effort
- Significantly revamped the recruiting evaluation and onboarding processes for engineers in the department, resulting in a greater rate of hire and new-hire success rate
- Collaborated with leaders in other departments to increase collaboration and speed delivery of value
- Introduced open-source-style contribution model to allow teams across work groups to collaborate and reduce delays due to dependencies.
- Mostly hands-off leadership role, performed some code reviews
- Technology used: C#, Azure Web Apps, Azure Functions, ASP.NET Core, Javascript, HTML/CSS, React

1/2011-1/2016 **Daxko, LLC.** **Alpharetta, GA**

Lead Software Engineer/Software Development Manager

- Led a team to deliver a new product to market in 18 months for member-based non-profit sector, which booked \$2 million in sales within a year of release and was projected to break even within 3 years
- Built an extremely high-performing cross-functional team responsible for all aspects of product delivery and support
- As member of a cross-functional product owner team, helped conduct user, customer, and product research and informed the product roadmap from a technical perspective
- Designed, executed, and measured product and feature experiments to maximize value delivered and minimize waste (Lean startup)
- Drove deeper adoption of better agile and engineering practice across the company:
 - Software craftsmanship, Test-Driven Development/Behavior-Driven Design
 - Cross-functionality and collaboration
 - “DevOps” culture and continuous delivery
 - Rapid prototyping and iteration
- Oversaw and drove the development of a supple, responsive architecture and code base
- Took primary responsibility for the quality of the product via the code base and

automated test suite

- Coordinated integration with external systems
- Developed automated deployment mechanism and supported production systems
- Coordinated production monitoring mechanisms to ensure availability and facilitate proactive product support
- Assisted product and company leadership in crucial discussions with key customers
- Technology used: C#, ASP.NET MVC, jqmvc (client-side framework), HTML/CSS, Javascript, RavenDB, NServiceBus, REST

11/2006-1/2011 **VersionOne, Inc.** **Alpharetta, GA**
Software Engineer

- Developed, maintained and supported industry-leading agile lifecycle management tools
- Helped drive adoption of Behavior-Driven Design and Domain-Driven Design practices
- Introduced and promoted the use of software design patterns
- Encouraged the adoption of craftsman-like attitude directly and through example
- Drove improvements in team practices including TDD and increased pair programming
- Represented VersionOne to customers at industry conferences
- Provided guidance and expertise to product experts from the sales, services and marketing organizations
- Technologies used: C#, ASP.NET & ASP.NET MVC, HTML/CSS, Javascript, SOAP and REST

9/2005-11/2006 **Alogent Corporation** **Alpharetta, GA**
Software Engineer

- Developed N-tier desktop applications in the banking sector
- Provided full life-cycle development and top-level support
- Adopted a Test-Driven approach and helped maintain a continuous integration environment including unit/acceptance tests
- Built deployment packages using the WIX toolset
- Technologies used: C#, Windows Forms, SOAP, WIX

2005 **Canac Kitchens of Georgia** **Alpharetta, GA**
Information Services Manager

- Managed Windows corporate network domain and Microsoft Exchange organization
- Streamlined and automated IT systems for efficiency and reliability
- Oversaw maintenance of externally developed ERP system
- Technologies: Windows desktop and Server, MS SQL Server, HP and Cisco networking devices

2000-2005 **Design Builders Group** **Alpharetta, GA**
Information Services Administrator/ Application Developer, Audio-Visual Systems Designer

- Implemented several Operations Management applications
- Managed Windows corporate network domain, including Exchange organization and Windows clients
- Designed and Engineered large-scale commercial audio-visual solutions
- Designed and integrated IT solutions for company's AV systems products
- Technologies: Windows desktop and Server, MS SQL Server, MS Exchange, Cisco networking devices

Education

2002–2006 Georgia State University Atlanta, GA

- B.B.A Computer Information Systems, Magna Cum Laude
- Capstone Project: U.S. Department of Labor Bureau of Labor Statistics