Andrew McWatters

Product-Focused Engineering Leader | Platform Architect | Fractional CTO
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Awwwards Honors recipient and Bootstrap Expo honoree (curated by Mark Otto, creator of Bootstrap); featured by Creative Bloq and Onextrapixel, with work reaching the front page of Hacker News.

Executive Profile

Product-focused engineering leader and small business owner with a track record of building scalable SaaS platforms and leading distributed engineering teams. Skilled at modernizing legacy systems, accelerating delivery, and shaping architecture and operations that reliably ship. Combines product design sensibility with systems-level thinking and executive accountability.

Core Capabilities

Product & Platform Architecture, Engineering Team Leadership & Hiring, Cloud Infrastructure Strategy (AWS, GCP, Azure), CI/CD Acceleration & DevOps Modernization, Frontend Architecture (React, Angular), Full-Stack SaaS Development, Technical Debt Reduction & Legacy Migration, Identity & Data Protection Best Practices

Professional Experience

Andrew McWatters and Co.
Software Development Manager / Fractional CTO
June 2022 – Present | Phoenix, Arizona

Lead engineering teams delivering white-label SaaS platforms and enterprise software solutions.

- Hired, led development teams, oversaw compensation, payroll, and career development
- Advised client leadership on product roadmap, SDLC, and architectural decisions
- Architected and delivered scalable SaaS platforms and modernized infrastructure
- Designed product experiences and UI systems aligned with enterprise client needs

Impact: Delivered production-ready platforms that improve product velocity and operational reliability for enterprise clients.

Smarsh

Principal Software Developer
April 2021 – June 2022 | Remote

Technical lead for modernization initiatives across the flagship SaaS platform.

- Reduced CI/CD feedback loop from hours to minutes, significantly increasing development velocity
- Directed Angular SPA migrations across international engineering teams
- Rebuilt local microservice environments using Docker, reducing onboarding friction
- Developed internal platform components supporting secure cloud-based deployments

Impact: Improved engineering efficiency, onboarding speed, and release cadence.

American Express

Software Architect
September 2020 – March 2021 | Remote

Architectural advisor bridging AngularJS and React ecosystems across international customer-facing platforms.

- Guided modernization strategy across large-scale frontend systems
- Refined UI implementation standards from design through production
- Supported containerized deployment strategies

Impact: Reduced technical debt and stabilized customer experience during transition.

Earlier Leadership & Senior Engineering Roles (2016–2020)

Held senior and team lead positions across SaaS and enterprise organizations including Cvent, DoubleDutch, Progress Residential, CSAA Insurance Group, and Republic Services.

Led frontend and full-stack teams, improved performance and SEO, migrated cloud infrastructure, increased automated test coverage, and supported revenue-impacting systems.