

Ryan Mohrman

Principal Software Engineer

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Engineering solutions through cross-functional alignment and clear communication with every layer of the organization.

Skills

- Languages Ruby, GraphQL, TypeScript, Python, JavaScript, SQL
- Frameworks VueJS, Ruby on Rails, ReactNative
- Tools PostgreSQL, Redis, Docker, Kubernetes, GitHub Actions, AWS, Azure
- Specialties CI/CD, API design, codebase modernization, team mentorship, domain modeling

Experience

- 2022 – Present **Principal Software Engineer, Groundfloor Finance, Denver, CO**
- Led modernization of the company's aging codebase, replacing legacy code with performant design patterns and reducing average query times by 75%
 - Designed and implemented the Auto Investing algorithm, responsible for managing over 40
 - Architected and launched Auto Investor account types, introducing performance dashboards, allocation forecasting tools, and custom reporting for all investors
 - Overhauled security and compliance posture by upgrading core packages, enforcing dependency scanning, and contributing to secure-by-default design standards
 - Introduced and scaled observability using Datadog, Rollbar, and structured logging, increasing deploy confidence and reducing issue triage time
 - Enhanced CI/CD pipelines with GitHub Actions and pre-deploy checks, shortening release cycles and improving engineering velocity
 - Partnered with product and executive teams to define quarterly OKRs and align engineering efforts with business goals
 - Mentored junior engineers, advocated for developer experience improvements, and led internal architecture reviews
- 2020 – 2022 **Engineering Manager/Sr. Software Engineer, W Energy Software, Denver, CO**
- Managed and mentored a team of 7 developers, improving onboarding, delivery cadence, and collaboration with architecture and executive leadership
 - Reformed release process by transitioning from per-client branches to unified, periodic releases—drastically reducing merge conflicts and production bugs
 - Led Docker containerization and service decomposition efforts to shift a legacy monolith toward a scalable, service-oriented architecture
 - Established CI/CD pipelines, introduced test coverage gates, and integrated tools like SonarCloud and Mabl to enforce code quality and automated testing
- 2018 – 2019 **Product Manager, Actenum Corporation, Denver, CO**
- Introduced development team to product concepts, agile development rituals, and release process
 - Ensured general availability of Upstream, Version 6.6 released on October 30, 2019

- 2017 – 2018 **Senior Solutions Architect**, Aucerna F.K.A. Energy Navigator, Denver, CO
- Led a DevOps initiative to build a sales demo and engineering test tool, and personally developed the integration automation tools and the SQL server and application server configurations
 - Wrote a data integration tool to easily share data and workflows with the production forecasting and planning teams
- 2015 – 2017 **US Product Manager**, Aucerna F.K.A. Energy Navigator, Houston, TX
- Analyzed US competitive landscape and partnered with Sales/Marketing to position product against incumbents
 - Developed prototype models and calculations to align roadmap with client needs
 - Defined epics and prioritized development to support US market expansion
- 2013 – 2017 **Technical Sales Engineer**, Aucerna F.K.A. Energy Navigator, Houston, TX
- Led the largest implementation in US company history, consolidating 140 separate databases into a single source of information, reducing the reserves process to hours vs. weeks
 - Doubled sales of Value Navigator YoY for 3 years, increasing contribution revenue from 5
- 2012 – 2013 **Senior Software Engineer/Product Manager**, Enerpact, Houston, TX
- Acted as both engineer and product liaison between US clients and overseas dev team, introducing source control and implementing new development practices
 - Delivered requirements, POCs, and training materials for major feature releases
- 2010 – 2012 **Lead Web Developer**, Harold Vance Petroleum Engineering Department, College Station, TX
- Rebuilt department website using Umbraco CMS; administered security and hosted web infrastructure
 - Supported faculty and IT on all web-related requests and updates
- 2009 – 2010 **Application Developer**, Reynolds and Reynolds Company, College Station, TX
- Migrated legacy .NET applications and maintained marketing/advertising integrations while completing undergraduate studies

Projects

- CI/CD Deployed Docker + GitHub Actions for auto-testing and deployments
- Codebase Refactored legacy codebase into modular services and updated queries to more efficiently retrieve data
- Modernization Modernized legacy systems to support new business requirements
- Internal Tools Created dashboards to monitor deploy health and system metrics

Education

- MS in Computer Science**, Georgia Institute of Technology, Atlanta, GA
- BS in Petroleum Engineering**, Texas A&M University, College Station, TX

Certifications

- Certified Scrum Product Owner - Scrum Alliance
- PMC III - Pragmatic Marketing