

RYAN MOHRMAN

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ryanmohrman.com

(720) 688-6043

SR. SOFTWARE ENGINEER

Technical innovator and thought leader

Uniquely talented software engineer with a broad range of experience commercializing sophisticated application software for the energy industry. Experience includes code development, cross-functional product team management, and solutions architecture. Effective working with the technical staff, marketing, sales, services, and users to define features and functions to ensure market success.

TECHNICAL SKILLS

DAILY USE: Ruby, Rails, Go, Python, VSCode, Backbone.js, CoffeeScript, HTML5, CSS3, SASS, Bootstrap 4, Nginx, MSSQL, jQuery, Version Control (git), AWS, Docker

COMFORTABLE USE: Azure, Flask, DigitalOcean, Github Actions, React, TypeScript, Sqlite3, PostgreSQL

SIDE PROJECTS: C#, .net-core, Unity, Jekyll, Swift

PROFESSIONAL EXPERIENCE

W ENERGY SOFTWARE, DENVER, COLORADO

2020 – PRESENT

The energy industry's new standard in cloud based accounting and ERP solutions.

Software Engineering Manager/Sr. Software Engineer

Mentoring junior developers and new hires, and working closely with the architecture team and executive leadership to help stabilize application development processes as we transition from client-driven waterfall development to market-driven agile development. 7 direct reports. Reporting to the VP of Engineering.

- Stabilizing release management by moving away from client driven release branches to periodic releases with unified feature code. Removing the need to cherry-pick code from client branch to client branch and decreasing the bug cycle caused by merge conflicts
- Containerizing application with Docker to allow for better control of resource demand and begin the migration away from a monolithic application architecture to a service oriented architecture
- Establish CI/CD pipeline, establish unit testing and coverage metrics for pull requests, configure sonar cloud for static code analysis, and hooking up Mabl to run automated QA tests

ACTENUM CORPORATION, DENVER, COLORADO

2018 – 2019

A leading developer of schedule optimization software for the upstream gas and oil industry.

Product Manager

Hired to develop a disciplined, market-focused product development process and roadmap for new products. Included the voice of the customer into the product development process and transition development to a product vs. tools and services focus. Serve as a single point of contact within the company for product-related issues. Reported to the VP of Product Development.

- Introduced development team to product concepts, agile development rituals, and release process, resulting in the general availability of Upstream, Version 6.6 on October 30, 2019

AUCERNA F.K.A. ENERGY NAVIGATOR, HOUSTON, TX

2013 - 2018

The energy industry's leading provider of solutions for integrated planning, execution, and reserves.

Senior Solutions Architect Denver, CO (2017 – 2018)

The needs of potential clients to design and develop workflows and present optimal solutions. Served as a trusted client advisor on product direction and migration from the current solution to future integrated product platform. Mentored other Solutions Architects, Product Owners, and customers on best practices and product features. Reported to the EVP of the US and Latin America.

- 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

US Product Manager, Houston, TX (2015 – 2017)

Reporting to the President and EVP of Engineering responsible for the Energy Navigator Products, AFE Nav, and Val Nav for the U.S. market.

- Built competitive landscape for both products in the US and worked with Sales and Marketing to develop targeted strategies to replace the incumbent competing application
- Built prototype models and sample calculations to ensure the alignment of the product direction and roadmap with client requirements
- Defined epics and organized product development priorities to increase potential market penetration in the US

Technical Sales/Services Engineer & IT Associate, Houston, TX (2013 – 2017)

Reported to the VP, US Operations, and President, consulted with clients to understand where reserves estimation and reporting workflows could be improved. Developed best practices for production forecasting, reporting and reserves database management, and security.

- 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% to 40%

ENERPACT, HOUSTON, TX

2012 – 2013

Developer of enterprise decision support software for the Energy Exploration and Production industry.

Senior Software Engineer/Product Manager

Responsible for understanding client needs and communicating with the overseas development team to build, refine, and release features. Promptly resolved client questions and concerns and trained new clients on products as needed. Implemented source control and setup development practices. Wrote requirements and created proof of concepts for new features and solutions

HAROLD VANCE PETROLEUM ENGINEERING DEPARTMENT, COLLEGE STATION TX

2010 – 2012

The petroleum engineering department at Texas A&M University.

Lead Web Developer / Web Developer Technician II

Responsible for upgrading and maintaining department website as well as working with professors to keep their web pages up and running. Supported IT by resolving all web-related issue tickets. Designed a full rewrite of the department's website to use Umbraco CRM utilized by the college of engineering. Administered web server and security for all websites and web apps within the department

REYNOLDS AND REYNOLDS COMPANY, COLLEGE STATION, TX

2009 – 2010

A leading developer of operations software for automotive retailers.

Application Developer

Employed full time while attending Texas A&M University. Worked on a team to move Standard Call from vb.net to c#.net as well as maintain any integrations and update child applications for the marketing and advertising tracking service

EDUCATION & PROFESSIONAL DEVELOPMENT

Georgia Institute of Technology, Atlanta, GA
Master of Science, Computer Science (December 2023)

Texas A&M University, College Station, TX
Bachelor of Science, Petroleum Engineering, Minor in Business

Scrum Alliance, Certified Scrum Product Owner

Pragmatic Marketing, Pragmatic Marketing PMC-III

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