John Montgomery

Lead Software Engineer, SAS Platform Architect

Alameda, CA
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EXPERIENCE

Roo Veterinary Inc   Lead Engineer

April 2019 - PRESENT

Lead engineer and platform architect for veterinary staffing solutions SAS product. Aiding the founders to grow the engineering team by onboarding and mentoring new engineers, establishing coding conventions and efficient development processes. Balancing the priorities of a small start-up for rapid feature development while planning for platform scalability, security, system maintainability and disaster preparedness.

Healthcare Scheduling   Lead Engineer

2017 - 2019

Lead engineer and platform architect for office management SAS product for optometry offices using AWS, Docker, NodeJS, Express, Redis, Postgresql, ReactJS, Redux and HTML/CSS.

Reverse Risk   Senior Full Stack Engineer

2012 - 2016

Collaborated with a small team of engineers and car dealership executives to build a SAS data analytics and reporting product for Car Dealerships that was profitable, growing fast in sales and purchased by the privately held Reynolds and Reynolds. The technologies I worked with included AWS Elastic Beanstalk, nodeJS, Express, MSSQL, and Redis.

Scientific Learning   Director of Game Design

2010 - 2011

Managed internal and external team of UI designers, animators, illustrators, and sound designers. I had both people and project/budget management responsibilities along with leading game prototyping.

Scientific Learning   Lead Prototype Designer

2005 - 2009

Collaborated with cross functional teams to design gamified adaptive learning software for language learning impaired children in the k-12 education market. I was both the lead UI/UX designer and lead functional design prototyper, coding fully functional game interactions for internal review and user testing. The learning software was used by over 1 million children.

SKILLS

SAS Platform Design,
Database Architecture Design,
AWS Services,
Google Services,
Project Management, Jira,
Confluence,
API integrations with Stripe,
Dwolla, Twilio, Firebase Cloud
Messaging, Github, Slack,
Hubspot

Docker, Redis, NodeJS,
Express, NextJS, Mysql,
PostgresQL, ReactJS, Redux,
Typescript, Javascript,
HTML/CSS

LANGUAGES

Spanish

EDUCATION

Stanford University
BA Latin American History

University of Washington
BFA Printmaking/Design