Jeff Francisco

Software Developer

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GitHub | StackOverflow | LinkedIn | Website

TECH SKILLS

Ruby on Rails, JavaScript, ES6, React, Redux, React Native, Angular, Python, SaaS, AWS, Heroku, Git, Linux, Object Oriented Design, Database Design, SQL, APIs, service-oriented architecture, HTML, CSS/Sass

SOFT SKILLS

Strong verbal and written communication skills, able to work effectively within a team, leadership ability, experience with project planning and scheduling, passionate about creating software with great user experience

EXPERIENCE

Clora, Boston, MA

Independent Consultant - Nov 2016 - Present
- Serving as lead architect and developer of a SaaS web application built with Ruby on Rails and React
- Inherited a stalled, unusable project and revamped it to improve quality and launch to initial user base
- Managing the development team, responsible for reviewing all pull requests, managing infrastructure and performing releases

JF Software LLC, Peabody, MA

Independent Consultant - Mar 2016 - Present
- Helping early stage startups build prototypes/MVPs
- Providing guidance on the ever changing front end ecosystem with React, React Native, Redux, ES6, etc
- Worked with companies such as Breezeway, Jisto, Clora and Dollarship

LaunchSource, Boston, MA

Independent Consultant - July 2016 - Jan 2017
- Architecting and developing a multi-tier e-learning web application
- Building front-end React and Redux apps for users and admins
- Back-end API development using Rails 5 APIs split into multiple services behind a gateway
- AWS infrastructure setup using EC2, Ubuntu, ELB and ALB, RDS, Cloudfront and S3.

Independent Consultant - Sep 2015 - Jan 2016

- Designed, implemented and released first version of a Ruby on Rails and Backbone.js web application for finding and interviewing business development candidates
- Completed project working alone and received high praise from initial user base
- Focused on UX/UI, responsiveness and performance

HouseCanary, San Francisco, CA

Independent Consultant - Mar 2016 - May 2017

- Ongoing contributions to API and web interface development with Python, Flask and AngularJS
- Developed an open source Python client wrapper for the HouseCanary API: https://github.com/housecanary/hc-api-python

EightSpokes, Cambridge, MA

Independent Consultant - Mar 2016 - Dec 2016

- Building a mobile app with Ionic 2, Angular 2 and TypeScript
- Exposing a separate API from the monolith-style Rails backend to serve the mobile app.

VP Engineering - June 2014 - Mar 2016

- Led all engineering and infrastructure efforts, and managed the day-to-day operations of the SaaS product
- Built a secure and scalable SOC 2 compliant environment on AWS utilizing dedicated EC2 instances, VPC, ELB, RDS, S3, Route 53 and CloudFront
- Provided customer support and onboarding, and performed product demos

Software Engineer May 2013 - June 2014

- Built a SaaS real time project management web application for pharma companies from the ground up, as part of a team of 4 engineers
- Took responsibility of mastering the development of the product from backend to frontend using Ruby on Rails, PostgreSQL, Backbone.js, Coffeescript, Node.js, Redis, CSS, HTML
- Developed key features to grow the user base from 0 to 300+ enterprise users, including a real time notification system, a permissioning system and a gamification system

Oracle / Phase Forward, Burlington, MA

Senior Applications Engineer - HSGBU - Jan 2008 - May 2013

Phase Forward was acquired by Oracle in 2010

- Designed and implemented WCF and ASP.NET web services for two-way routing of clinical data in a large scale Oracle database
- Designed and implemented multi-threaded Windows services for integrating enterprise-level first-of-kind products with C# and .NET
- Developed a message processing service with Oracle advanced queuing for real time adverse event reporting in clinical trials, which was submitted for a patent
- Created WPF and Windows Forms desktop applications for customers to demonstrate API usage

Other Projects and Skills

- Created an apartment and roommate matching website as a freelance project in a team of 3. My focus was on the backend database design and search engine using Python, PHP, Zend Framework and MySQL
- Made minor contributions to open source projects such as reactstrap and react-native-elements

EDUCATION

Northeastern University, Boston, MA

Bachelor of Science in Computer Science - 2004 - 2009