2564 Eaton Street • Denver, CO 80214 • (612) 816-5063 • downing034@gmail.com

PAUL WILLIAM DOWNING

OBJECTIVE

Looking for Software Engineer work that prioritizes writing reliable feature code, with a strong focus on test-driven development. I strive hard to create quality code with comprehensive tests in order to deliver quality features to customers in a timely manner. I want to work with a vibrant company to develop their software footprint.

TECHNICAL SKILLS/TOOLS

- React/Redux, Create React App
- Javascript/Typescript
- React Testing Library/Enzyme
- Ruby on Rails
- Some Figma
- Bootstrap/Material-ui

- Agile Development using Jira and Shortcut
- Heroku and Netlify deployments
- Gitlab | Github and Jenkins continuous integration
- Some AWS experience with S3 bucket and EC2 instances
- Some Docker experience

EXPERIENCE

Sr. Software Engineer II – Kava Labs
- Assisted in architecting Kava-Labs' web app using react/redux, react testing library, enzyme, and material-ui
- Setup Sentry for web app error monitoring and contributed to 3rd party crypto packages to fix bugs.
- Worked with UX to design and wireframe concepts for future app features, sometimes through multiple iterations
- Built A/B testing and google analytics event tracking to assist design/product with user metric tracking and conversions
- Built a pair programming exercise for F.E. engineering that served all skill levels of engineer hiring (using react)
- Converted the majority of the application from javascript to typescript
- Managed sprints for the front-end team working closely with product to ensure features driving business goals were completed on time.
- Lead and mentored a team of 4 frontend engineers, (2 S.E.'s, 1 Jr. S.E.)

Software Engineer – TeamSnap
- Replaced Mobx with Redux and ReduxForm in a major frontend application
- Setup frontend automation in multiple projects to start tracking and increasing code coverage
- Participated in discussions with product and UX leads to redesign account application
- Implemented specific client registration forms using Rails and JQ

Software Engineer – Granicus
- Rewrote the entire frontend of application from Ember.js into React.js using axios to make request to the backend ruby on rails api and redux for state management.
- Implemented Jest testing for react applications to provide fellow engineers the toolkit and design patterns to complete frontend testing while increasing overall react code coverage from 30% to 70%.
- Implemented Ruby on Rails feature code and trained a colleague with no ruby or rails experience to do the same.
- Served as DEV and QA resource for datacenter failovers making sure applications are successfully deployed.

Software Automation Engineer – Granicus
- Wrote automation test cases in Cucumber; utilizing Ruby with the capybara library and selenium webdriver.
- Automated over 300 backlog test cases by writing them into integration, controller, and model tests. This reduced our regression cycle by 10 days.

Personal Work
- Developed some sample applications to teach myself Ruby on Rails development with a focus on Test-Driven Development and MVC Restful architecture.
- Built a small react app mimicking YouTube utilizing the YouTube search API and redux.
- Developed my first personal iPhone app – a simple tip calculator using XCode

CODING SAMPLES

Paul's Portfolio – A react application used to showcase my work and info about myself
H: https://pdowning.herokuapp.com
GH: https://github.com/downing034/pdowning

AWARDS

Awards

- Nominated for 5 Grannie Awards – award voted by peers for outstandingwork
- Four-time employee of the quarter nominee
- Maintained 97.5 % customer satisfaction rating over 1.5 years, 2000+ cases.

EMPLOYMENT HISTORY

TeamSnap, (Remote) Software Engineer	**10/2019 - 04/2020**
Granicus, Denver, Colorado Software Engineer	**01/2018 – 10/2019**
Granicus, Saint Paul, Minnesota Software Assurance Engineer	**01/2017 – 01/2018**
Granicus, Saint Paul, Minnesota Quality Assurance Engineer	**10/2015 – 01/2017**

EDUCATION

B.S., Sports Management, **University of Minnesota, Minneapolis, Minnesota Graduation:**
Spring 2012
Focus on Marketing, Community Relations, Brand Management, and Customer Relations