929 Portland Ave, Apt. 905 • Minneapolis, MN 55404 • (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
- Ruby on Rails
- TDD using jest (react) and rspec, capybara, and cucumber with Selenium WebDriver
- Git
- Basic SQL query knowledge

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

EXPERIENCE

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 1500 backlog test cases by writing them into integration, controller, and model tests. This reduced our regression cycle by 10 days.
- Created Jenkins builds to run test suites on a regular basis and organized fashion.
- Participated in both bug review processes and worked regularly using agile development methods.
- Rewrote an entire test suite from cucumber to Rspec to increase test consistency and reliability.
- Preformed manual testing on some features when necessary.

Associate QA Analyst – SPS Commerce
- Created manual, reusable, test cases on a per map basis across multiple SPS Commerce products.
- Assisted in the creation of tools to drive QA automation and gain more speed and efficiency while testing.
- Worked in agile environment to prioritize tasks and ensure new development and bug completion.
- Developed a new product testing process which contributed to a higher quality QA on a more consistent basis and cut testing time by 25%.
- Served as primary lead for partner implementation and connection protocols, primarily SFTP and AS2.

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

Youtube React App – A twitter like app, with custom built user authentication and test cases.
GH: https://github.com/downing034/react-redux-youtube-player

Yelpdemo – A replication of Yelp! and a few of their features.
https://yelpdemo34.herokuapp.com/
GH: https://github.com/downing034/yelpdemo

Development Match – A basic developer community application.
https://development-match.herokuapp.com/
GH: https://github.com/downing034/simplecodecasts_saas1

AWARDS

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

EMPLOYMENT HISTORY

Granicus, Saint Paul, Minnesota Software Engineer	**01/2018 - Present**
Granicus, Saint Paul, Minnesota Software Assurance Engineer	**01/2017 – 01/2018**
Granicus, Saint Paul, Minnesota Quality Assurance Engineer	**10/2015 – 01/2017**
SPS Commerce, Minneapolis, Minnesota Associate Quality Assurance Analyst	**10/2014 – 10/2015**
SPS Commerce, Minneapolis, Minnesota Support Center Lead	**10/2013 – 10/2014**
SPS Commerce, Minneapolis, Minnesota Senior Customer Operations Analyst	**03/2013 – 10/2014**
SPS Commerce, Minneapolis, Minnesota Customer Operations Analyst	**07/2012 – 03/2013**

EDUCATION

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