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Cole Willsea

Web Developer

Work Experience

*Associate Software Engineer, **Level Money/Capital One**, July 2015 - November 2015*

- Refactored code and improved test coverage on a large microservice-based Clojure codebase. Wrote tests in Python and Clojure, developed internal tools to simplify testing and deployment using Bash scripts and Node.js
- Provisioned resources for our application through AWS and managed deployments with Leiningen
- Set up a continuous integration system using CircleCI alongside a private Jenkins box, with a Slack bot relaying failure messages directly to those responsible for them
- Worked closely with support staff to conduct a full redesign of our customer support interface using jQuery and Bootstrap

*Web Developer, **Monsoon**, April 2014 - July 2015*

- Developed web applications for clients using Ruby on Rails, Ember, Node.js, and Bootstrap. Employed test-driven development, continuous integration, and agile practices on every project
- Built a Yelp-like mapping app for community organizers using Ember, Leaflet, and Open Street Map. Optimized SQL queries for geospatial data using PostGIS/Postgres
- Developed a project management tool for accountants in Ember that used Highcharts to display customer data. Designed and implemented a subscription system for this app using Stripe for payment processing and Pundit to authorize access to different features
- Contributed to a corporate communications auditing app that runs on Bloomberg terminals which used D3.js to provide overviews of the auditors organization

Education

University of California, Santa Cruz, 2004 - 2008

- B.A. in Politics with a minor in Sociology, graduated with honors

App Academy, 2013-2014

- 3 month coding bootcamp based around Ruby and Javascript

- Built a fully featured clone of Reddit using Rails and Backbone for my capstone project