

Technical Skills

Strong: Python - Bash - Javascript - Node.js - Linux - Express - Grunt - Angular - Jenkins - Git - Sqlite - Openstack

Experienced: Heroku - Docker - Graphite - Kubernetes - React - Gulp - Mocha - MongoDB - Mongoose - Selenium Grid
- Webdriver.io - jQuery - WebRTC - Ansible - AWS - Fabric - Jira - HDFS - Disco - Postgres - Citus

Projects

Software Engineer III

eBay

The "Item Specifics" fields on ebay.com

Distributed Crawling System

- Maintained, Extended deployment automation through the use of docker, fabric, jenkins, github webhooks
- Built several tools to shuffle data between openstack, hadoop, Knox-proxy, teradata, and the crawling system
- RL, ML, and conditional random fields for new product recognition, large scale map reduction for KV ingestion

Lead Full Stack Developer

Cobra

<https://texas.clutchinsurance.com/>

Insurance Quotes

- Iteratively rewrote, migrated, and deployed production Angular code to componentized React modules.
- Setup client / server side API endpoints and routes. Integrated regression testing on server-side component rendering.

Full Stack Developer

Camaro

<https://680800.clutchinsurance.com/>

Insurance Quotes

- Maintained angularjs code while refactoring and redeploying site modifications and features based on A/B testing.
- Helped to reverse Engineer an Elixir / Ember app to use Elixir / Angular. Saw product changes through to production.

Professional Experience

Software Engineer III eBay

San Francisco, CA [2016-2018]

- Created, maintained, and added features to tooling to train machine learning algorithms (Conditional Random Fields).
- Automated deployment of distributed map reduce cluster (disco), increased test coverage, wrote integration tests.
- Rewrote map-reduce cluster for deployment on kubernetes, cgroups and containers.
- Implemented an ICAP squid proxy server for crawling javascript injection - regular usage of openstack

Software Developer ClutchAnalytics

Austin, TX [2015-2016]

- Trained new hires in on the various tech stacks, testing, CD, and CI, development workflow, and pair programming.
- Developed REST api endpoints, connected MongoDB and third party integrations for marketing and payment processing.
- Implemented e2e testing and continuous integration with Jenkins / Github webhooks / Ansible
- Built functional and unit tests with mocha / python / selenium grid / webdriverio / istanbul / appium

eCommerce Developer Skygroup Closeouts

Minneapolis, MN [2013 - 2014]

- Automated online marketplace listings on eBay and Amazon using wx, Python, Linux, Selenium, and Apache.
- Wrote a simple Inventory Management System using Bash/MySQL. Maintained server using cron, tar, and ssh.
- Consumed numerous API endpoints to update, retrieve, and maintain online listings.

Support Specialist II Xerox, R.T.S. LLC

Fargo, ND [2011 - 2013]

- Remotely supported all storewide technologies for 18K+ McDonald's stores. Inbound call center.
- Regular usage of citrix, recovery scripts written in perl/bash, remote configuration of card reader IP networks, full store reboots, troubleshooting US robotics modem connections. Documentation writing.
- Team lead to new employees. Juggled ticketing system and followed levels of escalation.

Education

Hack Reactor Graduate Advanced Software Engineering Immersive

Austin, Tx [2015]

BA Fine Arts (Painting) Minnesota State University Moorhead

Moorhead, MN [2012]

Pursued Majors BS Art Education - BSE Mechanical Engineering

Fargo, ND [2007-2011]

Relevant Coursework AP Calc, Calc II, Statics/Dynamics, Material Mechanics, Tech in Education

Personal

Really enjoys riding bicycle, motorcycling, camping, hiking, snowboarding, reading, learning, mutual respect, and tinkering.