

Technical Skills

Strong: Python - Bash - Javascript - Typescript - Django - Webpack - React - GraphQL - ChakraUI - Selenium
Experienced: Docker - K8s - Snowflake - Elasticsearch - Heroku - AWS - Jira - LaunchDarkly - Segment

Professional Experience

Team Lead Software Engineer Property Meld <https://app.propertymeld.com/signup> **Remote [2018-Present]**

As Employee 6, I played a pivotal role in scaling the company from its early stages to a thriving business, ultimately leading to a successful Series B funding round. My contributions include:

- Establishing a robust data pipeline by leveraging Fivetran, Snowflake, and dbt, which streamlined our data management processes, enhanced reporting capabilities, and ultimately informed strategic decision-making for the company. Focusing on data driven product development.
- Rewrote the entire stack so that it could run in docker, and kubernetes, in order to in the future move the system out of heroku.
- Developing key components and features for our Django application, utilizing my expertise in TypeScript, React, and Python. These high-traffic components significantly enhanced the user experience and functionality of our platform.
- Spearheading the adoption of an internal knowledge management system, which paved the way for our rapid expansion from 6 to 70+ employees and a 10x increase in monthly recurring revenue (MRR).
- Authoring comprehensive public API documentation, accessible at <https://docs.propertymeld.com/>, that facilitated seamless integrations with our partners and clients.
- Actively participating in the hiring and onboarding process for new engineers, fostering a strong and collaborative team culture.
- Showcasing my versatility and initiative by developing a skunkworks mobile app using Expo, demonstrating our commitment to continuous innovation and staying at the forefront of industry trends.
- Leading a critical project to migrate our production PostgreSQL database from Heroku to Aiven.io, ensuring seamless data transfer and enhanced performance for our growing customer base.
- Organizing internal knowledge sharing lunch and learns, helped leadership identify a community grown talent pipeline

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
- 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

Software Developer ClutchAnalytics **Austin, TX [2015-2016]**

- Trained new hires 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. Ticketing escalation.
- 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.

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]
Personal Interests	Traveling, Hiking, Biking, Snow, Rain, Sunshine, Tinkering, Mutual Respect	