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James A. Munsch
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Technical Skills

Strong: Python - Bash - Javascript - Typescript - Linux - Django - Webpack - React - GraphQL - ChakraUI - Selenium

Experienced: SQL - Heroku - Docker - Kubernetes - Elasticsearch - Karma - Jest - AWS - Jira - Postgres - LaunchDarkly

Projects

Energy Analytics Suite   (private repo)
 - AWS lambda, SQS, Django, Heroku, Docker, AWS Athena, Role Management
 - Wrote the deployment pipeline, email service connection, texting services, login, various page components.
 - Self service platform for analyzing energy markets with AWS lambda based algorithms
 - Drove the development and deployment of storybook components within github PRs

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

Professional Experience

Software Engineer II Property Meld   https://app.propertymeld.com/signup   Remote [2018-Present]
 - Wrote several high traffic components and features for a django application using typescript, react, and python.
 - Drove a project to completion to migrate production postgres database from heroku to aiven.io.
 - Drove adoption of internal knowledge management system, preparing for scale up, started as employee 6 helped scale to 50+
 employees, shipped code, 10X'd MRR, wrote and deployed a public API and docs https://docs.propertymeld.com/
 - Wrote a skunk works mobile application during a hack week using expo to create an geo-locative vendor/resident interaction

Full Stack Software Engineer JPTC, LLC   Remote (Austin, TX) [2018-2019]
 - Full-stack software engineer at a hedge fund operating in the energy industry.
 - On-call 24/7 to handle a perpetually operating wholesale electricity market.
 - Wrote experimental code using several statistical metrics which analyzed rasters, geoJSON, and various risk metrics.
 - Re-wrote PHP scripts and daily events to run as python CLI using Apache Airflow

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 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]**
Relevant Coursework	AP Calc, Calc II, Statics/Dynamics, Material Mechanics, Tech in Education	
Personal Interests	Traveling, Hiking, Biking, Snow, Rain, Sunshine, Tinkering, Mutual Respect	