Joseph Cuffney

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EXPERIENCE

Sr. Software Engineer — Nike Valiant Labs.
Jun. 2018 - Present — Portland, OR

Cultivator.:
- Worked on a team to design and implement a robust scalable set of tools to create a curated NikeID shopping experience in a two sided creator driven marketplace.
- Worked closely with the team to set up and constantly improve a scalable and flexible micro service architecture.
- Developed API specification to fulfill business requirements.
- Implemented specification via API Gateway and hooked it into our micro-services running on AWS Lambda and AWS ECS.
- Implemented CI/CD pipeline using AWS CodePipeline and AWS CodeBuild to increase the speed and reliability of our development.

Sr. Lead Full Stack Engineer — Nike Innovation Accelerator.
Aug. 2017 - Jun. 2018 — Portland, OR

Tandem Personal Training.:
- Designed and implemented a subscription based service serving clients and personal trainers in the Portland metro area.
- Set up a scalable and flexible system architecture which included setting up Craft CMS on Elastic Beanstalk.
- Set up various AWS Lambda functions to handle payments and Stripe web hooks. - Implemented a two party payment system which included subscription invoicing, transfers, refunds, and automated subscription management.
- Worked closely with marketing and design team to iterate on content and A/B tests to increase conversion rates.
- Worked on a team to do project management tasks such as sprint planning, backlog grooming, and estimation.
- Worked closely with business teams to support acquisition efforts.

Technical Lead — The Program PDX.
Oct. 2015 - Aug. 2017 — Portland, OR

- Took technical ownership of projects to deliver digital experiences utilizing a wide range of stacks including React/Redux, Express, Spring Boot, Middleman, and Craft.
- Oversaw the scoping, estimation, sprint planning, and implementation of projects while simultaneously contributing to the primary development of others.
- Worked with clients as well as project managers to improve processes and foster team growth and an environment of open communication and learning.
- Mentored other coworkers though problems with debugging and learning modern web technologies including but not limited to React/Redux.
- Worked developer operations tasks such as server configuration, environment setup, and continuous integration using of tools like Jenkins, Ansible, Docker, and Digital Ocean.

Nike: The Locker.:
- Worked on a team of 3 developers to create a React/Redux application that keeps track of Nike athlete's contact information, products, and preferences.

Red Bull: Express API.:
- Implemented a ExpressJS Node API for a Red Bull web experience with 100% test coverage, data validation, and documentation generation.

Earn Your Name.:
- Implemented a Naive Bayes classifier for classifying users based on a set of training data into a set number of categories given their riding data pulled from Strava.
- created the front end web application using React/Redux.

Nike: Air Max Day CDP.:
- Implemented Spring Boot Java API to persist the applications voting with Redis.
- Created a static web experience to celebrate Nike Air Max's anniversary which was viewed over 10 million times.

Led Lenser: Led by Light.:
- Implemented static microsite with a strong focus on CSS3 transitions and aesthetics.
- Used Ruby's Middleman, Contentful, and web hooks to generate static page content.

Wasserman.:
- Worked on a team to implement CMS solution for Wasserman built on Docker, Craft CMS, and AWS. - Was responsible for writing 2 [PHP] craft cms plugins for both Twitter and Instagram integration into their news page.

Webpack Consulting   Contract
June 2016 - June 2016   Portland, OR

- Helped explain and implement a local startups VueJS webpack configuration and integrated it into their development and production build processes.
- Illustrated plugins such as BrowserSync, ExtractTextPlugin, to optimize their builds
- Taught startup's developer the concept of webpack chunks and how they can help improve application performance. As a result this reduced their main bundle size by 50% and cut page load times in half across the application.

Web Developer Coop   Moog Inc.
Jan. 2014 - Aug. 2014   Buffalo, NY

- Developed a fault tree analysis application which improved report quality, speed, and consistency and across all US locations.
- Wrote a document parser to convert various file types to plain text which is then run though an report engine to save engineers up to a day of time per report.

EDUCATION   **Rochester Institute of Technology.**, Rochester, NY
Bachelor of Science, Computer Science

COMPUTER   **Preferred Languages**: NodeJS, Python.
SKILLS   **Cloud Providers**: AWS, Azure, Google Cloud Platform, Digital Ocean.
                    Web Frameworks: React, Django, Flask.
                    Testing Frameworks: Mocha, Jest, PyUnit, Cypress, Selenium.
                    Tools: Git, vi[m], tmux, Slack.
                    Development Processes: Agile development, Test-driven development.