


HENDERSON REED HUMMEL

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EXPERIENCE

DigitalOcean

June 2024 – present

Software Engineer II

Portland OR (remote)

- Operated and maintained internal server-configuration system that manages a fleet of 27,000 production servers across 8 global regions.
- Maintained internal configuration management tooling used for DigitalOcean services in Go, Bash, Github Actions, Docker, Ruby, and more.
- Implemented new features, wrote new documentation for reliability, observability of server configuration.
- Organized weekly work planning sessions and led Agile processes.
- Mentored new team-members and internal customers that were using our technologies.

Red Hat

August 2020 – July 2023

Software Engineer in Test

Portland OR (remote)

- Led design/development of open-source testing library/client interface. Consolidated redundant testing code by 75%.
- Wrote test tooling in Python (pytest), Javascript (React, Cypress).
- Expanded automated integration test suites for Ansible Automation Hub by 35%.
- Built automated test/build pipelines with Jenkins, Ansible, Docker, Kubernetes, Bash, Amazon AWS.

Tripwire

July 2019 - December 2019

Software Developer Intern

Portland OR

- Diagnosed and fixed bugs in Python, C++, and infrastructure configuration ranging across wide array of platforms and architectures (PowerPC, x86, x64, IBM AIX, RedHat Enterprise Linux, CentOS, Debian, Ubuntu, Windows.)

Jama Software

January 2019 - July 2019

DevOps Intern

Portland OR

- Responsible for deploying and maintaining internal tooling to ensure 100% of commits could be traced to work tickets. This was required for certifications Jama needed to maintain for major clients.
- Used Python, Bash, Hashicorp Packer, TeamCity CI, and Amazon Web Services (EC2 and Lambda) to build fully automated CI/CD pipeline for above utility.

PSU Computer Science Dept.

April 2018 – June 2020

Computer Science Tutor

Portland OR

EDUCATION

Recurse Center

August 2023 - October 2023

Portland State University

September 2016 - June 2020

Bachelor's of Computer Science