

MEREDITH WHITE

San Francisco, CA

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Personal

- Goal-oriented, creative problem-solver transitioning from Site Reliability Engineer role
- Motivated by the collaborative process between design and engineering to craft butter-like, user-friendly interfaces
- Effective, open-minded communicator who brings a honed-by-grape-picking work ethic to complex challenges

Skills

SRE | Kubernetes, Helm, AWS, Docker, GitLab CI/CD, Grafana, Linux Systems Administration

Front End | JavaScript, React, HTML5, SCSS, Bootstrap

Back End | Java, Spring, Node.js, Express, SQL, MongoDB, RESTful API Development

Developer Tools | Vim, Nano, Git, npm, Webpack, Babel, Agile Methodology

General | Strong written and verbal communicator, collaborative mindset, fluent in Spanish and French

Software Engineering Work Experience

SITE RELIABILITY ENGINEER | VMWARE | 2022-2024

- Built a **self-healing tool** using StackStorm that restarts **Kubernetes deployments** and sends alerts
- Automated and standardized the installation for CarbonBlack sensor using **Helm chart** in GitLab CI/CD
- Optimized **resource usage** in Kubernetes cluster by creating a **cronjob** to uninstall old Helm releases
- Improved **accessibility** of UI in a monitoring app by adjusting heights in an **Angular** bar chart

Software Engineering Projects

OPEN SOURCE CONTRIBUTOR | PERSONAL PROJECTS | 2024

- Developed an e-reader using **React-Reader** and **epub.js**, incorporating flowable texts and interactive features
- Reduced page load times from 43 s to 1.5 s by accessing videos as HLS files in a S3 bucket, fronted by a CDN.
- Eliminated a 'dead end' in Open Library's search function by designing and implementing an HTML partial that fetches full-text matches and links patrons to an alternative search function.
- Improved Open Library's **internationalization and partials docs** with specific examples and protocols to benefit fellow contributors.

Previous Work Experience

ALPHA OMEGA WINERY | ST. HELENA | 2020-2022

ENTERPRISE VINEYARDS | SONOMA | 2019

SAN CLEMENTE WINES | CAUQUENES, CHILE | JANUARY 2018 – MAY 2018

- Member of field crew that performed vine maintenance tasks from pruning through harvest
- Assisted in bilingual tasks including employee onboarding, map-making, irrigation logging and scouting.

FRUITION SCIENCES | NAPA, CA | 2017-2018

- Installed vine-monitoring equipment, diagnosed problems in data and troubleshoot equipment in field
- Wrote protocols in accessible language that culminated in a Technician Field Guide for use by future technicians

Education

VMWARE ASCENT TECHNICAL BOOTCAMP | July 2022 – Sept 2022 | Trained in Java, Spring, Kubernetes, AWS

HACK REACTOR | Software Engineering Immersive | August 2021-May 2022 | Galvanize Scholarship recipient

MIDDLEBURY COLLEGE | Bachelor of Arts 2015 | Comparative Literature | GPA: 3.7 | Magna Cum Laude

Université Michel de Montaigne Bordeaux III | French Literature | Bordeaux, France | Spring 2014

