

COLE ERICKSON



Full-stack Web Developer

<https://coleserickson.com/>

<https://github.com/pawnstar/>

Employment

Web Developer

Brigham Young University / Sept 2012 - Jan 2020

- ▶ Led a small team of developers in building applications with **NodeJS**, **React**, and **Redux**
- ▶ Implemented process for fully automated app deployment with **Gitlab CI** and **Docker Swarm**
- ▶ Trained other team members in continuous integration process for daily bug patches and weekly feature releases

Software Developer

Church of Jesus Christ of Latter-day Saints / Feb 2020 - Sept 2020

- ▶ Completed major overhaul of **Java Spring** microservice API
- ▶ Trained team members in use of **Docker** for creating controlled, reproducible, and automated test environments
- ▶ Extended code coverage by ensuring unit tests written for all new features, and adding integration tests to validate existing features

Skills

React (4 years experience)

- ▶ Experience with complex state management tools such as **Redux** and **React Hooks**
- ▶ In-depth understanding of modern toolchains including **Webpack**, **Babel**, and **Typescript**

NodeJS (5 years experience)

- ▶ Experienced in writing well organized restful APIs with **Express**
- ▶ Proficient with designing fault-tolerant applications that depend on and work with other services

Agile / Scrum (2 years experience)

- ▶ Experience working in agile cross-functional development teams
- ▶ Familiarity with user-driven experience design

Docker (3 years experience)

- ▶ Constructed swarm of **Docker Swarm** host nodes for zero downtime production upgrades
- ▶ Implemented **Gitlab CI/CD** system for fully automated microservice deployment

Linux / Server Ops (3 years experience)

- ▶ Experienced in automated management and upgrades on production servers
- ▶ Oversaw construction of automated VM provisioning and configuration system

Databases (5 years experience)

- ▶ Skilled in writing and optimizing SQL for **Postgres**, **MySQL**, and **Oracle**
- ▶ Experience in designing performant data schemas for document stores such as **MongoDB**

Education

Bachelors of Science: Computer Science

Brigham Young University / 2012 - 2019