

Cooper Timmerman

San Francisco, CA

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

SKILLS

Languages: JavaScript, TypeScript, Python, Ruby, Swift, Bash, C++, HTML/CSS, PHP

Frameworks: React Native, React.js (Redux), Node.js, Electron, Ruby on Rails, Vue.js, Django

Testing: Selenium, Appium, Xcode UI Tests, Jest, RSpec

Other: git, GitLab CI/CD, Bitrise, Docker, K6, AWS, Azure, PostgreSQL, Redis, Wordpress, Xcode

WORK & LEADERSHIP EXPERIENCE

Porsche Digital

Palo Alto, CA

Senior Software Engineer - Vehicle Engineering Team

March 2025 – present

Full Stack Engineer - Vehicle Engineering Team

November 2022 – March 2025

- Designed and developed an entire simulation suite from scratch to test efficacy of My Porsche App's EV Routing software, leveraging **React Native**, **Node.js**, **bash scripts**, and **Electron** to significantly reduce QA team's costs, time, and effort
- Developed and enhanced a UI automation test suite for CarPlay components and their corresponding vehicle functions using **Python**, **Selenium**, and **Appium**, while mentoring an intern on feature implementation, resulting in improved test coverage and team efficiency
- Implemented and optimized microservices handling 10K+ daily requests with **Node.js**, **Docker**, **Jest**, and **Azure**, ensuring high availability and performance through comprehensive unit, integration, and end-to-end tests

Rooster Grin Media

San Francisco, CA

Senior Full Stack Engineer - Apps Team

August 2022 – November 2022

Full Stack Engineer - Apps Team

July 2020 – August 2022

- Spearheaded full product development, from concept to deployment, utilizing **Ruby on Rails**, **React.js** with **Redux**, and **AWS**
- Reduced load time of a key internal tool from **42 seconds to 4 seconds** by optimizing code using **Redis**, **Sidekiq**, and **websockets**, leading to faster business operations
- Achieved a 90% improvement in performance, decreasing our Messages page load time from **3 seconds to 0.3 seconds**
- Led the development and deployment of a mobile app using **React Native**, enabling doctors to check patient info, messages, schedules, and reviews on the go
- Provided mentorship to interns and junior engineers to develop solutions to pending issues in our git repositories, fostering team growth and enhancing problem-solving skills

Manager - Support Team

March 2020 – July 2020

- Led a team of four in addressing daily support tickets, increasing throughput to 70 tickets/day (1,500 tickets/month) while maintaining a **97% client satisfaction rate** from over 600 clients
- Trained and onboarded new team members, ensuring smooth operations during a period of rapid growth due to COVID-19-driven demand for website updates

Web Developer - Support Team

August 2019 – March 2020

- Collaborated directly with clients to develop hundreds of custom websites using **Vue.js** integrated with **Wordpress**, ensuring high-quality, client-specific solutions

EDUCATION

University of Colorado, Boulder

Boulder, CO

Bachelor of Arts, Computer Science

August 2014 – August 2018