

Cooper Timmerman

San Francisco, CA

(925) 705-9448 | coopert925@gmail.com

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

SKILLS

Frontend: React.js (Redux), React Native, TypeScript, JavaScript, HTML/CSS, Electron, Vue.js

Backend: Node.js, Ruby on Rails, Python, Django, PostgreSQL, Redis

DevOps & Testing: Docker, GitLab CI/CD, Bitrise, AWS, Azure, Jest, Selenium, Appium, RSpec, K6

Tools & Other: LLMs, prompt engineering, Bash, git, Xcode, WordPress, Contentful

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

- Built **conversational AI agents** for **Android Automotive OS** using intent-based architectures - defining training phrases, intents, actions, and agent graph flows to support natural voice interactions with **LLM-powered** fulfillment
- 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 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 dashboard from **42 seconds to 4 seconds** by optimizing code using **Redis**, **Sidekiq**, and **websockets**, leading to faster business operations
- Improved Messages page load time by **90%**, **from 3s to 0.3s**, by optimizing frontend rendering and websocket flow
- 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