

# Diego Rafael

925-384-7467   [rafael2002diego@gmail.com](mailto:rafael2002diego@gmail.com)   [in/diego-rafael](https://in/diego-rafael)   [github/Dieg0raf](https://github.com/Dieg0raf)   [website/dieg0raf.github.io](https://website/dieg0raf.github.io)

## Education

---

**University of California, Davis**  
*Bachelor of Science in Computer Science*

Sept 2023 - June 2025  
Davis, CA

**Diablo Valley College**  
*Associates in Computer Science*

Aug 2021 - May 2023  
Pleasant Hill, CA

## Experience

---

### Trinchero Family Estates

Sept 2024 - Present

*Full Stack Engineer*

Lodi, CA

- Built and maintained **60+ winery websites** (15+ e-commerce), including sites generating **\$1.8M**, **\$580k**, and **\$165k** in annual revenue.
- Led hosting/framework migrations and managed AWS infrastructure for high-traffic e-commerce sites (One Stop Wine Shop: **330k+ users**; Napa Cellars Wine: **71k+ users**), improving site reliability and security.
- Developed automation scripts and optimized backend workflows using Python, JavaScript, PHP, streamlining operations and enhancing user engagement.

### Trinchero Family Estates

June 2024 - Aug 2024

*Full Stack Engineer Intern*

Lodi, CA

- Built AWS Lambda functions integrating Commerce7 CMS with Algolia and Yotpo, automating workflows and saving **50+ hours** of manual work weekly.
- Improved Sutter Home and Napa Cellars website accessibility, raising WCAG compliance from **40% to 90%**, reducing ADA risk and enhancing inclusivity.
- Enhanced front-end and back-end functionality using JavaScript, React, PHP and WordPress, ensuring a stable and seamless user experience.

### ASUCD Pantry

Sept 2023 - Oct 2024

*Full Stack Engineer*

Davis, CA

- Developed and deployed a React/Django-based ordering platform for **1,600+ students**, streamlining order processing and supporting ASUCD Pantry's mission to address student food insecurity.
- Optimized API endpoints using Django views and Axios, and contributed to Nginx deployment, ensuring reliable production release.

## Projects

---

### Camoora.io — Next.js, React, TypeScript, TailwindCSS, tRPC, Prisma, PostgreSQL, AWS, Clerk

- Built and launched a marketplace platform with user authentication, enabling **30+ photographers** to showcase portfolios with access to **5,000 high-resolution images** concurrently.

### ContractorHub — Flask, Python, Next.js, React, TypeScript, TailwindCSS, PostgreSQL, JWT, AWS

- Building a centralized SaaS platform for a painting contractor to manage quotes, invoices, and job history with cloud access, implementing JWT authentication, PostgreSQL database design, and automated PDF generation for client documents.

### Rivas-Pro-Painting.com — Next.js, React, TypeScript, TailwindCSS, Flask, Python, PostgreSQL, AWS

- Built and deployed a full-stack web app for a Bay Area painting company, handling client inquiries, portfolios, and lead generation, resulting in **15+ qualified job** leads post-launch.

### Distributed File System — C++, Bash

- Designed a file system with HTTP-based access, supporting RESTful APIs for file and directory operations, bitmap-based block allocation, on-disk metadata management, and transaction-style rollback.

## Technical Skills

---

**Languages:** Python, TypeScript, JavaScript, C/C++, HTML/CSS, PHP, Java, Kotlin, Flutter, Bash, SQL, Swift, Go

**Frameworks/Libraries:** React, React Native, Next.js, Vue.js, AngularJS, Node.js, Flask, Django, TailwindCSS, FastAPI

**Developer Tools:** Git, Linux, AWS, Docker, Kubernetes, Cloudflare, REST API, tRPC, Prisma, WCAG, WordPress

**Databases:** PostgreSQL, MySQL, MongoDB, Supabase