

RIO EDWARDS

PRODUCT ENGINEER

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Product-minded full-stack engineer shipping production software used by real teams. I specialize in cloud-based web and mobile apps with a focus on reliability, maintainability, and security. Experienced in both startup-style builds and compliance-heavy client environments.

EXPERIENCE

Product Engineer & Co-founder, Experiential

Jul 2024 - Nov 2025

CRM Document Manager, *TypeScript, React, Express, Node.js, GCP*

A law firm needed HIPAA-compliant file management inside HubSpot. I clarified requirements and shipped a security-first solution in *5 weeks*, leveraging TDD, JWT auth, audit logging, and transactional rollback to prevent data loss. The app is now *business-critical* for 30+ lawyers.

iOS Digital-Wellness App, *Swift, SwiftUI, TypeScript, Firebase, Figma, Asana*

A client wanted an iOS app for digital wellness: usage tracking and Live Activities. After a feasibility study, wireframes, and designs, I delivered a 15-screen application that achieved IPC across *5 heavily sandboxed extensions*. I ran an agile cadence with clear milestones, TDD, weekly updates, and bi-weekly demos.

Ohm on the Range Website, *Next.js, React, TypeScript, Figma, Tailwind CSS, Vercel*

This music festival needed a mobile-first website that drives ticket sales. I helped them focus their brand and shipped a new site in *2 weeks*. It is performant, responsive, accessible, and SEO-optimized. This led to a *2x increase in traffic and ticket sales* over the previous year.

Cohort Instructional Lead, Code the Dream

Jan 2024 - Jun 2025

Led 200+ students through JS/HTML/CSS/React; translated complex topics into clear patterns and delivered PR-style feedback on assignments to improve readability, correctness, and maintainability.

Produced 40+ hours of video lectures and dozens of learning assets (infographics, articles) to support student engagement; recognized for clear instruction, students sought out paid tutoring after I left.

DogTown (dogtown.dog), personal project

Jun 2024

Production photo-sharing app, self-hosted on a Raspberry Pi with CI/CD and observability.

Built and operate the full stack on a Raspberry Pi with automated deploys and NGINX caching.

Safety and observability built in: AI content moderation on every upload and a live metrics dashboard.

Next.js, React, TypeScript, Node.js, Hono, Postgres/Drizzle, NextAuth, shadcn/ui, Tailwind CSS, Docker Compose, Cloudflare Tunnel, GitHub Actions, Python, FastAPI, PyTorch, Umami, SSE

EDUCATION

AWS Certified Cloud Practitioner, AWS

Aug 2024

Certificate in Fullstack Development, Alchemy Code Lab

Feb 2023

Associate in General Studies, Portland Community College

Mar 2022