

# ANDREW DELL'ARINGA

San Francisco Bay Area, CA

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## Professional Summary

Recent Computer Science graduate from **UC Santa Cruz (GPA: 3.44)** with hands-on experience building distributed systems, full-stack web platforms, and React Native mobile apps. Proficient in **JavaScript, React, Swift, Docker**, and **PostgreSQL**, with a strong foundation in software engineering, system design, and cloud deployment using **AWS**. Currently building a full-stack projects to practice integrating large language models into applications. I'm driven by building real products, solving interesting problems, and learning from experienced engineers around me.

## Technical Skills

**Languages:** JavaScript/TypeScript (Node.js, React, React Native), Swift, C/C++, Python, SQL, HTML, CSS, Bash

**Frameworks/Libraries:** Express, Material UI, React Navigation, Expo, Jest, React Hooks

**Tools:** Git, Docker, Docker Compose, Swagger/OpenAPI, Postman, JWT, CI/CD

**Cloud/Databases:** AWS (Amplify, Route 53, EC2), Docker Hub, Supabase, PostgreSQL

## Experience

### What's The Move

**Mar 2025 – Present**

*Founding iOS Developer*

*Remote, San Francisco, CA*

- Spearheaded development of the authentication and user profile system using SwiftUI and Supabase, implementing secure Row-Level Security (RLS) policies to control access and ensure users could only modify their own profiles.
- Collaborated cross-functionally with product owners and designers translating Figma designs into production-ready SwiftUI components, establishing a cohesive UI/UX theme aligned with brand vision.
- Led technical interviews and onboarding for new iOS engineers, helping expand the team from concept to execution while maintaining high code quality and accelerating onboarding in a fast-paced startup environment.
- Partnered directly with company founders to plan, scope, and iterate on core product features, ensuring alignment between business goals, technical feasibility, and user experience in a rapidly evolving startup environment.

## Projects

### Distributed Key-Value Store | *Node.js, Express, Docker, Swagger/OpenAPI, AWS(EC2), Docker Hub*

**Apr 2025**

- Engineered a distributed key-value store enabling reliable and consistent client access using RESTful HTTPS endpoints and OpenAPI 3.0 documentation.
- Implemented primary-backup replication protocol to maintain strong data consistency across multiple servers.
- Built a simulated multi-server environment with Docker Compose and tested RESTful endpoints using Postman. Automated CI/CD pipeline with GitHub Actions and DockerHub deployment.

### CollabSpace | *React, Node.js, Express, PostgreSQL, JWT, Docker, Swagger/OpenAPI, Material UI, Jest*

**Feb 2025**

- Engineered a full-stack collaboration platform with user-specific dashboards, JWT-based authentication, and protected routes, using React (Context API, Hooks) and Material UI for a responsive UI.
- Built and documented RESTful APIs with OpenAPI 3.0 and Swagger UI; enforced schema validation via express-openapi-validator and wrote unit tests with Jest for both backend and frontend logic.
- Designed normalized relational schema in PostgreSQL to support secure hashed-password login and workspace-user associations.

### Workout Logger | *React Native, AsyncStorage*

**Jul 2024**

- Built a mobile app for logging and tracking workouts enabling users to store custom routines and progress using React Native
- Implemented persistent storage of workout data across sessions using AsyncStorage.
- Structured the app using React Navigation and modular components to ensure maintainability, scalability, and a consistent user experience.

## Education

### University of California, Santa Cruz

**Jul 2023 – Jun 2025**

*B.A. Computer Science | GPA: 3.44/4.0*

*Santa Cruz, CA*

### Las Positas College

**Aug 2021 – Jun 2023**

*Computer Science Coursework | GPA: 3.50/4.0*

*Livermore, CA*