

ANDREW DELL'ARINGA

San Francisco Bay Area, CA

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

Technical Skills

Languages: Go, Swift, TypeScript, JavaScript, Python, C++, SQL, HTML/CSS

Frameworks & Libraries: React, React Native, Node.js, Express, SwiftUI, Material UI

Cloud, DevOps & Systems: AWS (EC2, Route 53, Amplify), IBM Cloud, Kubernetes, OpenShift, Docker, GitHub Actions (CI/CD), REST APIs, OpenAPI/Swagger, Microservices

Testing & Security: Playwright, Jest, QA Testing, Test Automation, End-to-End Testing, Mend, Vulnerability Remediation, Security Compliance

Databases & Tools: PostgreSQL, Supabase, Git, GitHub, Postman, FyreVM, Xcode, TestFlight, App Store Connect, OpenAI API

Experience

IBM

Jul 2026 – Present

Software Engineer

San Jose, CA

- Contribute to IBM Content Cortex by supporting software quality, security, and testing initiatives for enterprise applications.
- Investigate and remediate security vulnerabilities through ticket resolution, dependency scanning, and compliance-driven reviews using Mend.
- Develop and execute automated and manual test cases using Jest and Playwright to validate application functionality and improve release quality.
- Utilize FyreVM environments to perform testing, debugging, and validation of application changes prior to deployment.

What's The Move

Mar 2025 – July 2026

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.

Lighthouse IT Consulting

Nov 2025 – July 2026

Founder & Lead IT Consultant

Remote, San Francisco, CA

- Engineered and deployed Zoho-based SaaS solutions, translating business requirements into scalable, integrated system architectures.
- Architected and configured Zoho Voice telephony systems (IVR trees, call routing logic, extensions, voicemail services) to support reliable communication workflows while protecting client PHI.
- Designed and implemented automated HR pipelines using Zoho Flow, Forms, CRM/People, and Zoho Sign, eliminating manual processes and improving operational efficiency.
- Conducted website audits for functionality and ADA/WCAG compliance, delivering technical documentation and training to support maintainability and system adoption.

Projects

TechPath AI | *Swift, SwiftUI, Node, Express, OpenAI API,*

Dec 2025

- Engineered an AI-powered study-plan generator for CS students, creating personalized learning paths based on career goals such as iOS, full-stack, and ML engineering.
- Built production-grade LLM safety system with risk assessment engine, input sanitization, output filtering, and evaluation logging to prevent unsafe content and prompt injection attacks

Distributed Key-Value Store | *Node, 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 as well as primary-backup replication protocol.
- 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.

Education

University of California, Santa Cruz

Jul 2023 – Jun 2025

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

Santa Cruz, CA