

Johnny Huynh

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EXPERIENCE

Full Stack Software Engineer (Contractor), Ernst & Young (EY) – Remote Oct 2025 – Present

- Designed and implemented an internal multi-agent AI assistant using FastAPI, Azure OpenAI, LangGraph, and MCP to automate multi-step enterprise workflows.
- Engineered a coordinator-based multi-agent architecture that dynamically routed requests between specialized Action, Research, and Knowledge agents, enabling scalable workflow orchestration and extensibility.
- Deployed and maintained AWS-hosted applications while debugging backend and frontend issues.
- Collaborated within Agile teams to deliver production-ready code through sprint planning, code reviews, and iterative defect resolution

IT Support Specialist, Empyreal Group – San Jose, CA Mar 2021 – Oct 2025

- Created internal tools to streamline operational workflows, improving efficiency and day-to-day productivity.
- Diagnosed and resolved end-user hardware and software issues through phone and email support.
- Tracked and prioritized incidents using a ticketing system to meet service-level expectations.
- Assisted with system setup, configuration, and software installations for new and existing users, ensuring consistent environments.

PROJECTS

Financial Simulation & Analytics Platform

- Architected the portfolio analytics module of a stock trading simulation platform, providing real-time insights into value, cash, gains/losses, and holdings performance.
- Designed backend APIs and database models with Spring Boot and MySQL to support historical performance tracking and position-level analysis.
- Encoded business rules to manage active simulations and portfolio state transitions.
- Produced interactive dashboards and data visualizations using Angular and TypeScript to analyze trends, top movers, and top positions.
- Worked with backend, frontend, and data-focused teammates to integrate analytics workflows across the platform.

Hotel Booking Platform

- Implemented secure authentication and access control using JWT and OAuth2 SSO with Google and Okta.
- Engineered Spring Boot APIs, deployed on AWS, to manage user roles, sessions, and protected application routes.
- Integrated React UI components with secure APIs to maintain session-aware, authenticated user experiences.

Daily Leaf (App Store)

- Published a native iOS app on the App Store delivering daily motivational quotes with a clean, user-focused interface.
- Implemented core functionality in Swift using SwiftUI, MVVM, and CloudKit for data synchronization and persistence.
- Integrated iOS UserNotifications to provide recurring content and improve engagement.

CERTIFICATIONS

AWS Certified Solutions Architect - Associate (SAA) Issued 2026

AWS Certified Cloud Practitioner (CCP) Issued 2025

SKILLS

Languages: Python, Java, SQL, Swift

Frameworks: Spring Boot, FastAPI, Angular, React, SwiftUI

AI/LLM: Azure OpenAI, MCP, Pydantic, LangGraph

Cloud & Tools: AWS, Git, REST APIs, CloudKit

EDUCATION

California State University, Monterey Bay – B.S. Computer Science

May 2022