

Anthony R. Li

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Full Stack Developer with 2+ years specializing in distributed systems and containerized applications and 4+ years of experience with object-oriented programming languages. Led development of scalable solutions using React, TypeScript, and Golang, achieving 10x performance improvements.

WORK EXPERIENCE

Full Stack Developer

Santa Cruz, CA

Santa Cruz Metro Transit District

February 2024 - Current

- Architected and implemented a distributed document processing system achieving 10x improvement in PDF generation throughput with RabbitMQ and containerized workers for fault-tolerant horizontal scaling.
- Redesigned database architecture with optimized indexing and Golang calculations, resulting in 48-hour reduction in reporting cycles and 100% improvement in query response times for Crystal Reports.
- Designed and implemented an in-house service alerts platform serving 3.6M riders and 360K website visitors per year, enhancing real-time communication and eliminating an outdated system with \$34K yearly expense.
- Co-developed a Golang service to migrate from legacy CRM to Workday, re-architecting critical third-party vendor integrations to automate and ensure seamless data transfers for 500+ daily employee transactions.
- Set up API integration layer with vendor systems, aligning with GTFS protocols that reduced sync errors by 85%.

Full Stack Software Engineer – Amortize.ai Team (Contract)

San Jose, CA

Amortize Me LLC

October 2022 - Current

- Developed interactive Tutorial UI with dynamic image interactions and admin content management, resulting in 85% reduction in per-user support tickets during beta testing, prior to confirmed onboarding of 700+ new users.
- Implemented user authentication and authorization using Firebase, creating foundation for future user growth.
- Led investigation and resolution of integration test suite failures, setting test standards and CI/CD best practices.
- Built up Jest framework, implementing 15+ unit/integration tests that found 3 critical edge cases pre-production.
- Developed Tiptap-based email signature tool and image management system, enhancing user customization.

Senior Portfolio Accounting Analyst - Assistant Vice President

Boston, MA

Wellington Management Company

December 2017 - January 2024

- Developed and led implementation of Python-based enterprise system that automated core business processes, eliminating \$30K annual costs and user-limit restrictions, as well as improving processing speed by up to 10x.

SKILLS

Languages: Golang, TypeScript, JavaScript, MySQL, PostgreSQL, Python, MongoDB

Technology/Frameworks: React.js (ReactJS), REST APIs, Node.js (NodeJS), Docker, RabbitMQ, AWS, Google Cloud Platform (GCP), Jest, Redux, GraphQL, Firebase, Express.js (ExpressJS), Next.js (NextJS), Workday, Linux, Git

EDUCATION/ACCOMPLISHMENTS

University of California, Berkeley, Extension

Berkeley, CA

Berkeley Coding Boot Camp – Full Stack Developer, Computer Engineering

March 2023

Northeastern University

Boston, MA

B.S. – Computer Science Minor, Finance & Accounting Major

December 2016

MIT Grand Hack 2023 – 1st Place, Pharmacy Price Transparency Platform | **Wellington Hackathon 2020 – 2nd Place**