

Minh Le

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Education

California State University, Fullerton

Fullerton, CA

B.S., Computer Science

May 2022

Relevant Coursework: Data Structures and Algorithms, Operating System, Discrete Mathematics and Probability Theory

Experience

FPT Software

Dallas, TX

Software Engineer Intern

Aug 2021 - Dec 2021

- Helped design database schema and automate migration, speeding up setup process by 20%.
- Automated testing with Github Actions, increasing testing coverage by 10%.
- Optimized and implemented project changes as requested by the client.
- **Technology used:** Golang, .Net, AngularJS, TypeScript, PostgreSQL, Docker, Kubernetes, AWS RDS

Eduplex

Costa Mesa, CA

Software Engineer

Nov 2020 - Mar 2021

- Implemented API user authentication with Paseto tokens, securing user authentication.
- Optimized the project's database schema, helping the team get ahead of schedule by one week.
- Optimized application's frontend persistence storage to reduce user loading time by 20%.
- **Technology used:** Golang, ReactJS, Node.js, AWS EC2, AWS IAM, AWS DynamoDB, Docker, Kubernetes

Projects

Looking For Group

A mobile app used to post local events and seek out like-minded participants in the area.

- Secured user authentication with OAuth 2.0.
- Implemented persistent user data storage with Firebase.
- Optimized database access with coroutines, decreasing memory usage by 30%.
- Implemented location services with Mapbox API, allowing users to share event locations with others.
- **Technology used:** Kotlin, Glide, Moshi, Firebase, Mapbox API

Video Trimmer

A video trimmer allowing users to trim videos to specified times, formats and from different sources.

- Implemented parsing algorithm to allow users to import video from both local machines and external URLs.
- Optimized FFMPEG's trimming to decrease video processing time by 50%.
- Integrated Vercel to host the application online, and Dockerized application, improving setup time by 40%.
- **Technology used:** Next.js, Typescript, FFMPEG, WASM, Golang, Docker

Flow

An app to automatically calculate each group member's reimbursement based on their recorded trip expenses.

- Designed frontend UI to be user friendly and responsive to different device types.
- Optimized routing so user requests are efficiently processed, speeding up loading time by 30%.
- Designed schema and implemented application database.
- **Technology used:** Golang, ReactJS, Node.js, PostgreSQL, AWS ECR

Skills

Programming Languages: Python, Golang, C++, Java

Website/ App Development: , Typescript, Javascript, React, Kotlin, .Net, React, Node, Next.js

DevOps Tools: Docker, Kubernetes, Git, CircleCI, Github Actions, Postman, Vercel

Activities

ACM CSUF

Fullerton, CA

ACM Dev Officer

Feb 2022 - May 2022

- Helped maintain and develop chapter's website and open source projects.
- Organized and hosted technical workshops to improve members' interviewing and application skills.
- Hosted mock interviews to help members train their interviewing skills and break into the tech industry.