Tommy Li

Software Engineer

SUMMARY

I Proven track record in designing, developing, and deploying accessible & responsive full-stack applications.

WORK EXPERIENCE

Software Engineer at OSLabs

Aug 2022 — Present

- Collaborated with a team of developers on a full-stack application where we built an open source application for GraphQL developers

- Implemented a GraphQL IDE using Monaco Editor to allow users to test GraphQL queries, providing a one-stop testing and data-monitoring playground

- Leveraged TypeScript to improve application scalability and make debugging the codebase easier by eliminating type errors prior to runtime

- Integrated Apollo Server to an Express backend to communicate with PostgreSQL database for faster and strongly typed queries and mutations

- Deployed with Docker/AWS EB and setup Cloudfront distribution to direct all incoming traffic to the registered domain name as well as sending all outgoing requests using a secure HTTPS port

Product Developed: Kensa (GraphQL API Monitoring App)

Tech Used: TypeScript | React | Redux Toolkit | Node.js | Express.js | PostgreSQL | GraphQL | Apollo | Chakra UI | Git | AWS | Webpack | Monaco Editor

Software Engineer Toli Development

Jan 2018 — Present

Completed many projects for clients, including building custom full-stack applications and static websites, hosting, doing SEO work for the websites, and using tools like MailChimp to create marketing and handle mailing lists

Recent Projects:

tasksAI (Fullstack Mobile App) – Worked with a team of engineers to develop a task-organization app using React Native and Python/Flask backend that utilizes machine learning to help users boost productivity by generating metrics and recommendations

MonoJStick (Fullstack Web App) – JavaScript one-liner snippets sharing app built with React, Firebase authentication, and Firebase real-time database

SECONEA | Norwalk, CA

June 2021 — Dec 2021

Handled a range of assignments that vary in scope and responsibilities, including utilizing various consultative methods to analyze client needs, ensuring quality in project delivery, and managing project budgets and schedules

CONTACT

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ToLi Development

LINKEDIN

GITHUB

LANGUAGES

Javascript

TypeScript

SQL/Postgresql

Python

HTML/CSS/Sass

SKILLS

React / React Native

Express.js / Node.js

SQL (PostgreSQL)

NoSQL (MongoDB)

AWS

Heroku / Netlify / Vercel

Webpack / Vite

GIt / Github

Flask / Django

Jest / Supertest

Authentication

CERTIFICATION

AWS Certified

Cloud Practitioner

EDUCATION

Cal Poly,

San Luis Obispo

2016 - 2021

Bachelor's degree