Tommy Li

toli.dev | linkedin.com/tommyli10 | github.com/tommyli10

Software Engineer | Los Angeles, CA | (415) 819-8043 | tommylidev@gmail.com

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Technical Skills

JavaScript, TypeScript, React, React Native, Redux, Node.js, Express, SQL(PostgreSQL), NoSQL, Webpack, GraphQL, Apollo, Git/GitHub, HTML/CSS/Sass, Firebase, WordPress, PHP, Python, Flask, Django, AWS, Docker, CI/CD, Jest, Supertest

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Experience

Kensa | Software Engineer   *Aug 2022 - Present*

- Developed GraphQL API monitoring app with React that allows developers to monitor and test GraphQL APIs
- Implemented a GraphQL IDE using Monaco Editor to allow users to test GraphQL queries, providing a one-stop testing and data-monitoring playground to speed up the GraphQL API development process
- Created an npm package for app users to easily establish connection between Apollo server and a SQL database through an API key to collect and store query metrics of all requests that are sent to custom GraphQL API endpoints
- Used Redux Toolkit to allow React components to subscribe to a central store of states
- Leveraged TypeScript auto type-checking functionality to minimize bugs and improve application scalability
- Integrated Apollo Server to an Express backend to communicate with SQL database and provide a self-documenting GraphQL API to the front end for faster request queries with strongly typed schemas and fields
- Deployed application using 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

Toli Development | Software Developer   *Mar 2020 - Present*

- Designed and built simple, tasteful websites, brand portfolios, and mock-up sites for clients
- Built semantically structured and responsive full-stack web applications for mobile and desktop devices
- Work closely with clients to meet project requirements, goals, and desired functionality
- Developed a customer-based website using HTML/CSS and WordPress and provided regular maintenance with new features such as a chat box, newsletter subscription, and web API. See my portfolio for more: toli.dev

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Open Source Projects

tasksAI | App Store | Repo

- Used React Native to develop mobile app that utilizes machine learning to help users boost productivity
- Leveraged GraphQL to allow the front end to make fast and flexible API calls that communicate with SQL database
- Utilized Python to design a Flask server that performs analysis on user's tasks, generates metrics and recommendations, and communicates with the main GraphQL backend
- Utilized Apollo Client to store GraphQL queries in a normalized in-memory cache to allow for faster data retrieval
- Deployed backend services using AWS EB, configured load balancer to redirect traffic to HTTPS port

MonoJStick | Site | Repo

- Created code snippets sharing app with React and React-Router, then improved responsiveness with Bootstrap
- Utilized Firestore real-time database to provide fast and reliable backend queries and mutations

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Education & Certifications

AWS Certified - *Cloud Practitioner*   **Expires Jan 2026**

Fundamental understanding of IT services and their uses in the AWS Cloud and demonstration of cloud fluency and foundational AWS knowledge

California Polytechnic State University, San Luis Obispo, CA - Bachelor's Degree, Architecture   **2016 - 2021**

Interests

Open Source | Hiking Mt Baldy | Listening to alternative rock | Playing Overwatch | Working out | Playing Guitar | Sketching buildings | Cooking Italian dishes | Reading sci-fi books | Doing house repair and maintenance