LINNAN SHI

FULL STACK SOFTWARE ENGINEER

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I'm a passionate software engineer with a love for solving challenging problems, a grounded commitment to hard work, and a strong desire to continually grow and improve myself.

TECHNICAL SKILLS

LANGUAGES: • JavaScript • Python • HTML • CSS • C++ • SQL
DATABASES: • Sqlite • Postgresql • MongoDB • MySQL
FRAMEWORKS: • Express • Flask • React • Redux • Sequelize • SQLAlchemy • GraphQL
TOOLS: • VScode • IntelliJ • Git • AWS • Docker • JIRA • UML

PROJECTS

TumbleWe *Github* | *Live*   10/2023 - present

An original application that allows users to automatically operate their web applications on subdomain by uploading their build files(including .js, .css, and html) and create the selectors queried by css(e.t. bt.add) in a certain order, which used: AWS, PostgreSQL, JavaScript, React / Redux, HTML5, Material UI

• Designed and developed through the project, designing relational database schema and examining with Database normalization rules, designing UI wireframe on **Figma**.
• Optimized application efficiency by leveraging **AWS S3** buckets for accurate file uploads, significantly reducing server load and enhancing file service scalability.
• Configured the **Flask** server to support subdomains, transforming the product into a multi-tenant application for increased versatility.
• Leveraged **Redux** for centralized state management, ensuring consistent data flow and smooth updates across the application for an elevated user experience.
• Executed the development of the React web application, incorporating **Material UI** for intuitive user interface.

NomNomRide *Github* | *Live*   08/2023 - present

A UberEats-inspired, full-stack application built using: PostgreSQL, JavaScript, React/Redux, GoogleMaps API

• Integrated **Google Maps Api**, adding Google Maps Api Key and creating a map route to offer user real-time navigation and geolocation service.
• Implemented and maintained **RESTful API**s to facilitate operations such as fetching, creating, editing, and deleting database resources, to connect backend smoothly with frontend.
• Implemented a feature branch **Git** workflow to foster effective team collaboration and mitigate merge conflicts, ensuring efficient and on-time project completion.

EXPERIENCE

ACCOUNTANT

Lane International Trading Inc • Fremont,CA   10/2015 – 12/2016

• Adjusted open accounts payable allocation projects to be according to GAAP by using V-lookups, independently solving discrepancy from inner recordings and communicating with third-party to fill gaps.
• Performed monthly bank reconciliation on QuickBooks, facilitating ability of detail orientation.

EDUCATION

APP ACADEMY • *Full Stack Web Development*   10/2022 - 12/2023

California State University East Bay • *Master of Science in Accounting*   *06/2014 - 09/2015*