EDWARD LEE - Front End Software Engineer

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I am Edward Lee, an experienced front-end software engineer skilled in React, React Native, and Typescript, with additional experience in back-end programming languages such as Golang and Python. I am known for being a reliable, hard-working, quick learning engineer capable of taking the lead on development teams to solve complex problems. I am passionate about creating excellent user experiences with solid engineering that customers love and building a friendly and collaborative environment for engineers working towards common goals.

Technical Skills & Competencies:

● React/React Native	● Jest/Unit Testing	● Redux
● Typescript	● CI/CD/Git	● Rest APIs
● Python	● Golang	● GraphQL
● HTML/CSS/JavaScript	● Java	● IOS/Android development

Methodologies and Tools:

● Agile/Scrum	● Figma	● DBeaver
● Test-Driven Development	● Jira	● Amazon Web Service

PROFESSIONAL EXPERIENCE:

Senior Full Stack Software Engineer, Modii,   November 2023 - present
Denver, CO

Modii is an advanced digital parking data company that revolutionizes parking solutions for cities, campuses, and more. I worked as a front-end engineer to build sophisticated, data-driven applications for parking management officials. I brought innovation to old design systems, visualized complex data models, and built out intuitive data processing tools while supporting an actively used web application.

- Collaborated on a compact team to adapt to customer needs with creative solutions
- Planned, designed and refactored complex Google-Map driven administration tooling for geospatial needs
- Debugged Python server code and maintained CI/CD pipelines
- Created storybook documentation of API endpoints and our personal reusable component library

Software Engineer, Nutrien AG Solutions,   June 2021 - November 2023
Loveland, CO

Nutrien is the world's largest AG retailer, leveraging geospatial imagery, data analysis of multi-petabyte datasets and custom carbon sequestration models to build the industry's leading precision Ag platform. I supported a responsive mobile and web application built in React Native generating $2.1 Billion in revenue. By communicating with Product owners, designers, testers, and both back-end and front-end developers, I adapted to new goals and pivoted quickly on feature work in an Agile environment.

- Worked on a highly sophisticated agricultural recommendation system in an e-commerce application
- Took charge as a technical lead on customer-facing applications, mentoring junior developers and providing dependable information to Product Owners
- Worked with a large-scale digital team to successfully migrate a web-only application built in React into cross-platform React Native application

Software Engineer, Parsons Corporation,   August 2020 - May 2021
Colorado Springs, CO

Parsons is a digitally enabled solutions provider, focused on creating innovative and technology driven solutions in defense, intelligence, and critical infrastructure for the future. I developed plugins for Mattermost, an open-source collaboration platform built with a React/Typescript front-end and a Golang back-end, to support the development of these solutions.

- Provided support, bug fixes, and newly requested features to users on an actively used platform
- Maintained and refactored code to outperform 80% code coverage requirements

EDUCATION:

Colorado State University, *Fort Collins, CO*   2015 - 2019
Bachelor of Science in Computer Science
Honors: *Cum Laude* (GPA: 3.86/4.0)