

# EDWARD LEE - React Native 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:

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|-----------------------|---------------------|---------------------------|
| • 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:

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|---------------------------|---------|-----------------------|
| • Agile/Scrum             | • Figma | • DBeaver             |
| • Test-Driven Development | • Jira  | • Amazon Web Services |

## PROFESSIONAL EXPERIENCE:

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**Lead Frontend Software Engineer**, Modii,  
Denver, CO

November 2023 - present

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,  
Loveland, CO

June 2021 - November 2023

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,  
Colorado Springs, CO

August 2020 - May 2021

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:

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

2015 - 2019