

# CAN TOSUN

Software Developer

## EMPLOYMENT HISTORY

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### SOFTWARE ENGINEER

Mar 2022 - Present

*General Motors*

*Austin, TX*

#### Project 1: Real-Time Car Software Status and Fault Detection

**Project Overview:** The project aims to display the real-time status of the car's software components and identify any potential faults.

#### Responsibilities:

- ♦ Developed API calls to fetch relevant data.
- ♦ Implemented feature development for pages and navigation from scratch, enabling detailed views upon clicking.
- ♦ Conducted thorough testing and debugging to ensure code reliability.
- ♦ Collaborated with the designer for page layouts and design.
- ♦ Used React, Redux, TypeScript, and CSS to ensure the delivery of high-quality, innovative solutions.

#### Project 2: Be Right Back Mode App

**Project Overview:** Developed a "Be Right Back Mode" app to remotely control the car's internal temperature and monitor its status.

#### Responsibilities:

- ♦ Enhanced and improved an existing remote-controlled car system through feature development.
- ♦ Implemented new control features for the car, both remotely and from inside the vehicle.
- ♦ Optimize application performance through systematic code reviews, debugging, and implementation of Redux state management patterns

### SOFTWARE DEVELOPER

Jun 2021 - Mar 2022

*HCL*

*Sacramento*

#### Project: Internal Employee Tracker

**Project Overview:** Designed and developed an internal "Employee Tracker" web application using JavaScript and React for the front end, and Python for automation tasks.

- ♦ Built scalable, maintainable front-end components with JavaScript and React, enhancing user experience and interface responsiveness.
- ♦ Automated data handling and reporting processes using Python, significantly improving efficiency and reducing manual workload.
- ♦ Collaborated cross-functionally on enterprise-level initiatives, consistently delivering high-quality solutions on schedule.

## SKILLS

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TypeScript / JavaScript, React Native, Redux, Python, SQL, HTML, CSS, Java, Agile, Scrum, SAFe, Git.

## EDUCATION

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### B.S. IN COMPUTER SCIENCE AND SOFTWARE ENGINEERING

Dec 2020

*University of Washington*

*Seattle*

GPA: 3.62

## LINKS

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Portfolio: [canjtosun.github.io](https://canjtosun.github.io), LinkedIn: [www.linkedin.com](https://www.linkedin.com).