

# Marcus Herrera

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## PROJECT EXPERIENCE

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### React Spring Library

*Developer*

- React Spring Library is a dynamic and user-friendly web application designed for book enthusiasts built with React and Java. This app offers a seamless experience for users to sign up, explore an extensive collection of books, and easily check out their favorites. After reading, users can leave reviews to share their thoughts and help other readers. Additionally, the app features a convenient messaging system, allowing users to communicate directly with the admin team for any assistance or inquiries. React Spring Library combines a robust set of features to enhance the reading experience and foster a vibrant community of book lovers.
- GitHub Repo: <https://github.com/mahiv87/react-spring-books>
- Deployed App: <https://reactspringlibrary.netlify.app>

### Project Tracker

*Developer*

- Project Tracker is a SaaS app that allows developers to keep track of all their projects
- GitHub Repo: <https://github.com/mahiv87/Project-Tracker>
- Deployed App: <https://project-tracker-303.herokuapp.com/>

### Mortgage Calculator

*Developer*

- Mortgage Calculator is a command line interface app built using TypeScript to calculate a mortgage and export the payment schedule to a spreadsheet.
- GitHub Repo: <https://github.com/mahiv87/mortgage-calculator>

## SKILLS

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**Technical:** HTML, CSS, Sass, jQuery, Bootstrap, Tailwind, ReactJs, Node, Express, MySQL, PostgreSQL, MongoDB, GraphQL, JavaScript, TypeScript, Jest, Java, Spring Boot

**Professional:** Fast learner, great communication, great attention to detail, self motivated, team player

## EDUCATION

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**University of Denver Bootcamps**

*Full Stack Developer Certificate*

**Denver, CO**

*Graduation Date: Aug 2022*

## WORK EXPERIENCE

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**2U**

*Teaching Assistant*

**Denver, CO**

*Feb 2023 - Aug 2024*

- Provide support to students, resulting in an increase in overall class performance.
- Facilitate classroom activities

**BraTek Engineering and Manufacturing**

*Punch Press Operator*

**Denver, CO**

*Feb 2020 - Present*

- Set up and operated punch presses to produce high-quality stamped parts, achieving a defect rate of less than 3% and increased productivity by 50%.

- Inspected source materials and utilized precision measuring tools to ensure high-quality production of parts within tolerances of +/- .003 inches.
- Write and optimize programs for punch press turrets.

**Pi-Co Precision Fabrication****Hutto, TX***Punch Press Operator**Jan 2010 - May 2019*

- Set up and operated punch press to produce hundreds of parts daily with 97% accuracy.
- Inspected source materials and utilized precision measuring tools to ensure high-quality production of parts within tolerances of +/- .003 inches.
- Maintained and calibrated tooling equipment for optimal performance of punch press machines, resulting in a 20% reduction in machine downtime.