

Ethen Roth - Junior Software Engineer

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SUMMARY

Junior software engineer. Strong skills in JavaScript, React, REST APIs, and Spring Boot learned through building industry-standard full-stack applications through a tech boot camp.

TECHNICAL SKILLS

Frontend: JavaScript, React, JSX, HTML5, CSS3, TypeScript, Next, Tailwind CSS

Backend: Node, Express, RESTful APIs, PostgreSQL, MySQL, Java, Spring Boot, Knex.js

Tools: Git, GitHub, Heroku, AWS, Jest, Node Package Manager, VS Code, Postman

EXPERIENCE

Thinkful

Denver, CO

Full Stack Development Boot Camp

04/2022 - present

- Developed and deployed mobile-first applications, showcasing proficiency in diverse technologies. Collaborated intensively with senior web developers, imbibing invaluable insights into industry best practices.
- Gained hands-on experience in working within a mentor-student relationship, fostering professional growth. Exhibited a relentless commitment to learning, adapting, and contributing to team objectives.
- Learned industry best practices and software development standards focusing on Javascript, HTML5, CSS3, React, Node.js, PostgreSQL, RESTful APIs, algorithms, and data structures.

TECHNICAL PROJECTS

Restaurant Application Tool | *Thinkful* | [Demo](#) | [Github](#)

09/2022

- Designed and developed a full-stack reservation tool for restaurants to manage their reservations and table availability.
- Implemented Express to create a REST API that communicates with the front end to perform database operations.
- Created a PostgreSQL database and used Knex.js within the API for query building.
- After successfully passing tests for all user stories, re-styled the UI for a better user experience.
- **Technology:** Node, JavaScript, React, JSX, CSS3, PostgreSQL, Express, Knex, Jest, Heroku

We Love Movies | *Thinkful* | [Demo](#) | [Github](#)

09/2022

- Assembled the functionality for the backend of an application that processes data about movies, reviews, critics, and theater data from a database. This app is similar to Rotten Tomatoes or IMDb.
- Created using RESTful principles that included utilization of common middleware functions, error handling, and connecting to a database using Knex.
- **Technology:** Node, JavaScript, PostgreSQL, Express, Knex, Jest

Poke Booklets | *Solo* | [Demo](#) | [Github](#)

05/2023

- Designed a creative solution for interacting with a 3rd party image slider and data from the API by leveraging my understanding of JavaScript and React to create a separate component that dynamically renders HTML containers based on the current width of the screen.
- Configured and deployed a Docker image of the Spring Boot backend.
- **Technology:** Java, Spring Boot, Maven, React, JavaScript, Tailwind CSS, PostgreSQL, Postman

Clinical Data Logger | *Solo* | [Demo](#) | [Github](#)

05/2023

- Developed a full-stack clinical data logging application to learn more in-depth about Java and Spring development, while keeping up-to-date with my React expertise.
- Designed a Spring Boot REST API in Java and tested HTTP requests in Postman against it to receive requests from a React front-end.
- Coded Java backend methods in Spring that dynamically render data about a patient without storing additional data in a MySQL database.
- **Technology:** Java, Spring Boot, Gradle, JavaScript, React, CSS3, MySQL, Postman, AWS

EDUCATION

Cerritos College

Norwalk, CA

General Studies

09/2016 - 05/2018

- Volunteered as a dedicated tutor, focusing on students with disabilities. Provided tailored academic support, emphasizing clear and concise notes for effective studying.