

Ethen Roth

Software Engineer

Denver, CO | 562-484-8562 | ethenfm@gmail.com | [Portfolio](#) | [LinkedIn](#) | [Github](#)

Ethen is a Node.js JavaScript Developer with 1 year of experience and recent focuses on Java

EXPERIENCE

Thinkful, *Bootcamp*

04/2022 - 10/2022

Duke University, *Java Programming Course*

03/2023

TECHNICAL SKILLS AND TECHNOLOGIES

JavaScript, Node.js, React JS, Next JS, HTML5, CSS3/Tailwind CSS, Bootstrap, Express.js, RESTful APIs, PostgreSQL, SQL, **Java**, Object Oriented Programming (OOP), Git, Github, Mocha, Chai, Deployment (Heroku, Render, Vercel), **VS Code**

PROJECTS

Restaurant Reservation Application | *Thinkful* | [Demo](#)

09/2022

- Provides a simple and effective way for restaurants to manage their reservations and table availability.
- Created a database that uses PostgreSQL and Knex.js for query building.
- Implemented Express.js to create RESTful API endpoints that communicate with the front-end to perform database operations.
- **Technology:** JavaScript, React.js, HTML5, CSS3, Bootstrap, PostgreSQL, Express.js, Knex.js, Heroku

WeLoveMovies | *Thinkful* | [Demo](#)

08/2022

- Built a complex server to access data through a PostgreSQL database.
- Utilized common middleware, error handling, and connecting with a database using Knex.js, to effectively receive requests through routes, access relevant information through route and query parameters, and write database queries to complete CRUD operations.
- Connected frontend to backend in order to see movie, review, critic, and theater data from the database.
- **Technology:** JavaScript, Node.js, Express.js, Knex.js, PostgreSQL, Vercel, Render

Study Card Application | *Thinkful* | [Project Link](#)

06/2022

- Developed a flashcard application that allows teachers to create study decks to help students learn online.
- Created shareable components between different creation and edit screens.
- Improved study functionality with useState and useEffect hooks to flip cards from front and back.
- **Technology:** JavaScript, React.js, HTML5, CSS3, Bootstrap

Baby Names | *Duke University* | [Project Link](#)

03/2023

- Developed a variety of different methods and test cases that calculate statistics of baby name data within CSV files, by incorporating divide-and-conquer design techniques and Java API implementation.
- **Technology:** Java, Java API, BlueJ, VS Code

CERTIFICATIONS & CONTINUAL LEARNING

- [Graduated](#) from a **top software engineering bootcamp** (as labeled by Business Magazine in 2023) 10/2022
- [Certified](#) JavaScript on Hackerrank 11/2022
- [Certified](#) Java (Intermediate) on Sololearn 03/2023
- [Certified](#) Java on Coursera (with honors) 03/2023

