

Ethen Roth

Software Engineer

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SUMMARY

Cross-functional software developer with a passion for learning and staying up-to-date with new technologies. Designed and created RESTful APIs with coding best practices, proficient in working with JavaScript, Java, data structures and algorithms, and version control systems such as Git and GitHub. Open to relocation.

EXPERIENCE

Thinkful, <i>Bootcamp</i>	04/2022 - 10/2022
Duke University, <i>Java Programming Course</i>	03/2023

TECHNICAL SKILLS AND TECHNOLOGIES

Languages: JavaScript, Java

Frameworks/Libraries: Node.js, React JS, Next JS, HTML5, CSS3/Tailwind CSS, Bootstrap, Express.js

Databases: PostgreSQL, SQL

Tools: Git, Github, Jest, Deployment (Heroku, Render, Vercel), VS Code

PROJECTS / EXPERIENCE

Restaurant Reservation Application <i>Thinkful</i> Demo	09/2022
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- Designed and developed a restaurant reservation application for restaurant management to manage their reservations and table availability.
- Created a PostgreSQL database and used 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 <i>Thinkful</i> Demo	08/2022
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- Built a robust server with efficient middleware and error handling.
- Used Knex.js to access data through a PostgreSQL database.
- Connected frontend to backend to retrieve movie, review, critic, and theater data from the database.
- **Technology:** JavaScript, Node.js, Express.js, Knex.js, PostgreSQL, Vercel, Render

Baby Names <i>Duke University</i> Project Link	03/2023
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- Developed a variety of methods and test cases that calculate statistics of baby name data within CSV files, using divide-and-conquer design techniques and Java API implementation.
- **Technology:** Java, Java API, BlueJ, VS Code

CERTIFICATIONS & CONTINUAL LEARNING

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| • 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 |