Ethen Roth - Full Stack Software Engineer

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SUMMARY

Cross-functional software developer with a passion for learning and staying up-to-date with new technologies, with a background in team oriented atmospheres for full stack project development.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, Tailwind CSS, JavaScript, React, JSX, Next
Backend: Node, Express, RESTful APIs, PostgreSQL, SQL, MySQL, Knex, Java, Spring Boot
Tools: Git, GitHub, Heroku, AWS, Jest, Node Package Manager, VS Code, Spring Tool Suite (STS)

PROJECT EXPERIENCE

Clinical Data Logger | *Solo* | [Project Link](#)   04/2023 - 05/2023
- Built a clinical data full-stack application using Spring Boot and Java to create a REST API backend that consumes requests from a single page react application on the front-end.
- Managed the initialization and state of the application by handling events from form submission inside React Components.
- Used Postman as a tool to test HTTP methods and ensure proper funcitonality of requests.
- **Technology:** Spring Tool Suite (STS), Java, React, JavaScript, MySQL, SQL, Express

Periodic Tables - Restaurant Application Tool | *Thinkful* | [Project Link](#)   09/2022
- Designed and developed a restaurant reservation application for restaurant personel to manage their reservations and table availability.
- Created a PostgreSQL database and used Knex.js for query building.
- Implemented Express to create REST API endpoints that communicate with the frontend to perform database operations.
- **Technology:** VS Code, JavaScript, React, JSX, HTML5, CSS3, PostgreSQL, Express, Knex, Heroku

We Love Movies | *Thinkful* | [Project Link](#)   06/2022
- 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 with a database using Knex.
- **Technology:** VS Code, JavaScript, Node, PostgreSQL, Express, Knex, Jest

PROFESSIONAL EXPERIENCE

Audio Engineer / Music Producer   01/2017 - present
- Created a catalog of 800+ beats/instrumentals utilizing FL studio, a digital audio software, which provided collaboration opportunities with top industry artists, ultimately resulting in billboard charting.
- Partnered with BeatStars, the world's largest platform for instrumental/beat sales and distribution, resulting in a 50% increase in passive sales and collection of royalties.
- Completed freelance jobs on the freelance app "Upwork", garnering five star ratings, by creating "Lofi Beats" for clients who were looking to curate playlists for "Chill Background Music".

Target   Cerritos, CA
Online Fulfillment Expert   09/2018 - 03/2021
- During COVID, stayed before and after store hours to keep a record-breaking order queue manageable in order to maintain Target's reputation for reliability and customer service.
- Responsible for accurately and efficiently fulfilling online order while collaborating with my team to receive, sort, scan, label, and package items for shipping to customers.

EDUCATION

Thinkful   Online
Certificate, Engineering Immersion Program   04/2022 - 10/2022
- Learned industry best practices and software development standards with a focus on Javascript, HTML5, CSS3, React Native, Node.js, PostgreSQL, RESTful APIs, algorithms, and data structures.
- Developed and deployed mobile-first applications while learning new languages and frameworks, spending several hours per week collaborating with and learning from senior web developers in a mentor-student relationship.