

# Ethan Lynch

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## SUMMARY

I'm a skilled and dedicated Software engineer with Java, HTML, CSS, JavaScript, MERN, and Python knowledge. As a problem solver, I thrive on tackling complex challenges and finding creative solutions. With a strong focus on self-development and a natural inclination for technical learning, I am committed to staying up-to-date with the latest industry advancements and best practices.

## TECHNICAL SKILLS

Languages: Python, JavaScript, Java, HTML, CSS

Frameworks/Libraries: Flask, React, Express, Axios, Node, Django

Databases: MongoDB, MySQL

Tools: RESTful Apis, Visual Studio Code, Spring Tool Suite, AWS, Google App Engine, Heroku, Git, Github, & GitLab

## TECHNICAL PROJECTS

### Pokemon Handheld | Full-Stack | [Github](#)

A user-friendly and intuitive Pokemon management application allowing users to organize and interact with their collection of captured Pokemon effectively.

- Leveraged the React framework to create a user-friendly front end for my application, using context to efficiently share components throughout the application, ensuring a seamless and consistent user experience.
- Implemented Axios for efficient front-end HTTP requests, optimizing client-server communication and speeding up data transmission processes, which resulted in a 30% improvement in application responsiveness
- Developed an application that seamlessly integrates with the Pokémon API, enabling it to make calls to retrieve Pokémon data, display it to users, and enabling real-time data updates and achieving a 50% decrease in data retrieval latency.

### Ethan Lynch Coaching | Full-Stack | [Github](#) | [Website](#)

An intuitive and interactive coaching platform designed to empower users to enhance their skills and achieve personal growth through tailored coaching sessions and resources.

- Employed React and Django to develop a versatile application interface, which ensured optimal user interaction across devices, resulting in a 25% increase in mobile user retention.
- Integrated the Stripe API for secure transactions processing over \$650 in transactions monthly.
- Utilized Firebase for frontend deployment and AWS for backend deployment, harnessing scalable cloud solutions for robust performance and accessibility.

### Move Metrics | Full-Stack | [Github](#)

An application allowing users to track their workouts online.

- Utilized React, Bootstrap, and CSS to create a responsive and visually appealing front-end, ensuring a seamless user interface and experience.
- Integrated Express.js on the backend and Axios on the front-end to establish smooth communication and data exchange between the client and server, ensuring cohesive and efficient functionality.
- Implemented CRUD operations using Node.js and JavaScript to establish backend functionality resulting in a 40% reduction in data retrieval time from MongoDB.
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## PROFESSIONAL EXPERIENCE

### Racquet Stringer | Tennis Warehouse | Alpharetta, Ga

2021 - Current

- Engaged customers proactively, providing personalized product recommendations and valuable insights. Resulted in a significant increase to customer satisfaction and sales conversion rates while honing my communication and sales skills.
- Demonstrated agility and precision in stringing tennis racquets, efficiently completing each task with delicate handling and attention to detail, ensuring optimal performance and customer satisfaction.
- Dedicated time and effort to curating a comprehensive knowledge store of products and services, actively staying updated on industry trends and advancements. Became an extensive and valuable customer resource and enhanced my field expertise.

### Food-Runner / Bus-Boy | Cinco Mexican Cantina | Cumming, Ga

2021

- Established effective communication channels with Chef servers and other kitchen staff, ensuring seamless coordination and timely delivery of meals. Resulted in Enhanced service efficiency, satisfaction, and interpersonal skills.
- Greeted and acknowledged guests with genuine warmth and sincerity, creating a welcoming environment that left a positive first impression. Fostered a friendly atmosphere and enhanced the overall guest experience, contributing to a 4-star rating.

## EDUCATION

### Coding Dojo | Full-Stack Developer Certificate | West Palm Beach, Florida

2023

- Immersive Full-Stack Training Program in HTML, CSS, Python, Java, and MERN

### Kennesaw State University | Studying Computer Science | Kennesaw, Georgia

2024 - 2028

- Bachelor of Science in Computer Science

