

Ethan Lynch

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EDUCATION

Kennesaw State University

Bachelor of Science in Computer Science

May 2027

3.8 GPA

- Completed Computing in Python & Computing in Java lectures and labs with top grades (A's), demonstrating strong proficiency in object-oriented programming, algorithms, and problem-solving.

Coding Dojo at Colorado Technical University

July 2023

Full-Stack Developer Certificate

- Completed an intensive Full-Stack Development Bootcamp, gaining hands-on experience in HTML, CSS, Python, Java, and the MERN stack through project-based learning and real-world applications.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, Dart, HTML, CSS, Dart,

Frameworks & Libraries: Flask, React, Express.js, Axios, Node.js, Django, Flutter, NextJS, Tailwind

Databases: MongoDB, MySQL, SQLite

Tools & Technologies: RESTful APIs, VS Code, Spring Tool Suite, AWS, Google App Engine, Heroku, Git, GitHub, GitLab, Firebase

PROFESSIONAL EXPERIENCE

Backend Software Developer Intern | Brookstone (via Angel Oaks MS) | Atlanta, Ga

2025 -

Current

- Collaborated with senior developers to design and implement backend APIs and services supporting loan processing systems, contributing to improved system reliability and scalability.
- Refactored a legacy JavaScript project into TypeScript, implementing strict typing and modular architecture to improve code reliability, developer productivity, and long-term maintainability.
- Redesigned backend service logic, optimizing asynchronous operations and strengthening data validation mechanisms to enhance system resilience and ensure consistent API behavior under load.

Freelance Web Developer / Shopify Website Manager | Remote | [PuddleJumpers](#) | [LuckyDaySigns](#)

2024 - Present

- Contributed to the successful completion of e-commerce platforms, generating over \$500,000 in annual revenue.
- Established clear communication with clients to ensure shared goals and timely web project delivery.
- Provided ongoing maintenance and updates for client websites, including SEO optimization, bug fixes, and feature enhancements, leading to improved site performance and higher conversion rates.

TECHNICAL PROJECTS

Lyteweight Gym App | Full-Stack | Flutter, Firebase, GitHub

Developed a fitness tracking app that allows users to log workouts, share with friends, and integrated an AI model to provide personalized workout recommendations and performance insights.

- Scaled the app to 500+ monthly active users by optimizing performance, enhancing user engagement features, and ensuring seamless cross-platform functionality.
- Introduced a workout-sharing feature, allowing users to share workouts, which led to a 60% increase in user engagement.
- Collaborated with another developer using Git and GitHub, managing version control, code reviews, and seamless integration of new features through efficient branching and merging workflows.

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 enable real-time data updates, 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 front-end deployment and AWS for back-end deployment, harnessing scalable cloud solutions for robust performance and accessibility.