

Easton Anderson

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SOFTWARE DEVELOPER

Aspiring full-stack developer with a background in home improvement, construction, and renovation. Proficient in Java, C, Python, and JavaScript, with experience in web development, algorithms, data structures, and AI. Seeking a full-stack role to apply technical skills and passion for technology.

PROFESSIONAL EXPERIENCE

Stiegler EdTech

May 2024 - Present

Full Stack Developer Apprentice

- Developed and maintained web applications using Java, JavaScript, React, Express, and SpringBoot.
- Implemented RESTful APIs and deploying solutions utilizing AWS.
- Collaborated with cross-functional teams to design, code, and optimize high-performance applications.
- Participated in agile processes, contributing to code reviews, system architecture, and CI/CD.

Harvard's CS50: Introduction to Computer Science

Jan 2022 - Dec 2022

- Developed a variety of different projects in over four different languages without prior knowledge.
 - Explored advanced topics such as memory management and computer security.
 - Participated in a vibrant online community, exchanging ideas and troubleshooting with peers.
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PROJECTS

ReP4y - Subscription splitting / management application

- Designed for users to split reoccurring payments between one another (Netflix, Hulu, Gym, Etc.)
- Integrated OAuth2.0 with PayPal Login and user registration with Supabase and Identity API
- Email authentication and reminder services with SMTP servers when payments are due
- Frontend designed in React and deployed using Vercel

Inkling - Twitter / X Clone

- Social media app, built entirely with HTML, CSS, and vanilla JavaScript, without frameworks or libraries.
- Showcase of pure front-end and backend fundamentals with data storage, real-time updates, etc.
- Developed with database-free solutions as a restriction, leveraging session and local storage.
- Emphasis on responsive design and seamless adaptation between devices.

Image Recovery Software

- JPEG recovery tool in C, capable of restoring images from memory cards by identifying file signatures.
- Efficient 512-byte block reading to detect and extract JPEGs with integrity.
- Applied forensic techniques for slack space and block alignment to ensure full recovery.

Credit/Banking Card Validation

- Built a credit card validator using Luhn's algorithm to confirm card number authenticity.
 - Initially written in C to emphasize runtime efficiency and again in Python for language competency.
 - Processed large numeric input to handle 15- and 16-digit card numbers.
 - Classified card types (Visa, MasterCard, AMEX) based on length and prefix rules.
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TECHNICAL SKILLS

Front-End : JavaScript, HTML5, CSS3, TypeScript, React, Django, Flask, JINJA, Bootstrap, jQuery

Back-End : Java, C, Python, SQLite3, PostgreSQL, Java Spring, Springboot, Spring Web, SQLAlchemy, Java Swing, Redis, Express.js, JDBC, Apache Maven, Postman, Mockoon, Mockito, Supabase

Devops : AWS (EC2, S3, ECS, IAM, VPC, Amplify, RDS, EBS), CI/CD, Terraform, Git, GitHub, GitLab, Docker, Cucumber, JUnit

Additional : Virtual Machines (Linux), Adobe Premiere, Microsoft Office 365, Google Drive, Figma, NPM, Selenium