Lauren Cavanaugh

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SUMMARY

Full-Stack Developer with 6 years coding experience building dynamic applications with React, Node.js, and MySQL. Currently leveraging strong technical expertise to provide detailed analyses of AI-generated code, aiding the training of leading LLMs. Passionate about exploring new libraries and technologies through side projects, and seeking a full-time role to contribute to a collaborative development team.

EDUCATION

University of Washington   Seattle, WA
Bachelor of Science in Computer Science   *December 2022*
- **Grades**: 3.82 GPA, Dean's List
- **Related Coursework**: Software Engineering, Distributed Systems, Database Systems, Systems Programming, Web Browser Engineering, Computer Security, Data Structures and Algorithms, Object-Oriented Programming, Probability & Statistics in Computer Science

WORK EXPERIENCE

AI Consultant, Advanced Coder   February 2024 – Present
Scale AI   *Remote*
- Evaluated and tested AI-generated code, achieving a 90%+ accuracy rate in audits through rigorous technical analysis and effective collaboration with team leads to ensure clear understanding of project specifications.
- Selected as a top contributor for a task force representing the top 2% of performers, consistently delivering high-quality code across diverse projects.
- Promoted to project reviewer for 4 major initiatives, ensuring adherence to client specifications and providing actionable feedback that enhanced team output.

PROJECTS

AstroTwin | *Java, Maven, Spring Boot, MongoDB, React, Tailwind, AWS*
- Developed a full-stack web application with 500+ users that applies advanced astrology algorithms to calculate and compare a user's chart against a dynamic database of celebrities.
- Achieved a 62% reduction in AWS costs by optimizing cloud resource configurations and utilizing services like API Gateway and Amplify.
- Improved user experience with Google Location APIs, reducing input errors by 10% through efficient auto-fill features while securely managing API keys using a front-end proxy server.

HapMap | *Flutter, Dart, Git*
- Developed a directions iterator for a mobile navigation app, integrating real-time updates from Google Maps and internal location APIs, employing complex routing logic and thorough error handling.
- Collaborated with a team of 6 developers, employing Git for version control and CI/CD practices, which reduced deployment errors through continuous testing and efficient coordination of code changes.

E-Commerce Store and Dashboard | *React, Next.js, Tailwind CSS, PostgreSQL*
- Engineered a comprehensive e-commerce platform consisting of a management dashboard and a responsive storefront, ensuring seamless integration between components through best web development practices.
- Created a dashboard that utilizes a database designed with normalization, indexing, and foreign key constraints to ensure data isolation for multiple stores, enabling efficient CRUD operations and extensive customization of store features.
- Built a customer-facing storefront featuring intuitive front-end design, leveraging RESTful API routes for real-time data fetching and streamlined order processing to enhance the shopping experience.

SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS
Libraries/Frameworks: React, JUnit, Tailwind CSS, Spring Boot
Developer Tools: Git, Docker, AWS, Google Cloud Platform, VS Code
Concepts: Object-Oriented Programming, Data Structures and Algorithms, HTTP Protocol, REST API