ERIC LEE

Software Engineer

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Experience

Data Annotation, Software Engineer   **May 2025 - Present**
- Crafted edge-case prompts to test the AI model's ability to retain context across turns
- Reviewed AI answers to coding problems and checked if the code worked correctly and made sense.
- Completed assigned testing tasks regularly and followed feedback to improve prompt quality and testing accuracy.
- Wrote realistic prompts to help evaluate how well the AI responds in everyday situations.

Amazon, Software Engineer L4 - Seattle, WA   **Feb 2022 - Feb 2024**
- Maintained and managed customer data and their associated devices as part of the Alexa Registry team, ensuring data integrity and availability across Alexa services.
- Proficient in leveraging a wide range of AWS tools for development, debugging, and service discovery across cloud-based applications.
- Initiated and led early planning for the Alexa Premises project, unifying smart devices within a premise to enable seamless, logical control for Alexa users.
- Collaborated with dependent Alexa teams to optimize data access patterns, reducing their API call volume to Alexa Registry by 30%.
- Strategized and coordinated a cost-saving initiative to transition legacy Load Balancers to state-of-the-art internal AWS Load Balancers, optimizing efficiency and reducing operational expenses.

vArmour, Software Engineer Intern - Los Altos, CA   **June 2021 - Sept 2021**
- Independently developed and implemented a comprehensive test suite for a new application, ensuring data accuracy and validating the functionality of all features.
- Designed and executed the full roadmap for the internship project, ensuring timely completion and project success.
- Guaranteed the long-term maintainability and ongoing development viability by adhering to standard code practices.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java
Frontend: React.js, TailwindCSS, Next.js
Backend: Node.js, Express.js, REST APIs
Databases: Prisma ORM, PostgreSQL, NoSQL, MongoDB, Firebase

Cloud & DevOps: AWS, Vercel, Netlify, Docker, Git

Projects

Pocket Panda - Full-stack Expense Tracker
- Built a personal finance app using Next.js, TypeScript, Tailwind, PostgreSQL, and Prisma. Features include transaction history, monthly summaries, and user authentication.
- Live Demo: https://pocket-panda-taupe.vercel.app/
- Github: https://github.com/Eric-shipsit/PocketPanda

Education

University of California, Santa Cruz   **June 2021**
Bachelor of Science, Computer Science
Cumulative GPA 3.6/4.0