Ahmed Ali

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WORK EXPERIENCE

Platform Science   **San Diego, CA**

Software Development Engineer in Test   *Jun 2023 - Nov 2023*

- Within the Test Engineering Compliance team, developed cutting-edge telematics solutions specializing in fleet management tracking technologies focusing on software testing for hours-of-service tracking.
- Developed and implemented automated test scripts for Web (**TypeScript**, **Vue.Js**, **Node.Js**, **Cypress**) and Android Mobile (**Python**, **PyTest**), resulting in an immense accuracy rate of fleet drivers' hours-of-service records.
- Performed comprehensive codebase analysis, identifying key areas for improvement and efficiency gains during the migration from a deprecated framework to **TypeScript** and **Cypress**, achieving a 20% reduction in code complexity.
- Deployed software automation on a **Jenkins CI/CD** pipeline resulting in strong, stable, and performative products.
- Developed software test case automation via **Python** and **PyTest** on our Android mobile customer hardware, enabling precise testing and continuing product reliability.
- Conducted thorough manual testing on our Android mobile application stack, identifying and executing tests for fringe cases not covered by automation reducing the likelihood of critical user errors by 25%.
- Coordinated with product development teams through **JIRA** to ensure both core product code and customer-specific features adhere to **QA** best practices and the agile process with effective weekly planning and refinement.
- Triaged defects of successful mitigation techniques **TestRail** via monthly coordinated integration and regression testing, ensuring thorough testing coverage for all software releases leading to a reduction in post-release defects.

ADDITIONAL EXPERIENCE

Skinstric AI   **Remote**

Frontend Engineer - Intern   *Nov 2025 - Dec 2025*

- Architected real-time skin analysis platform using **OpenAI** Vision API and **Next.Js**, achieving 98% detection accuracy across diverse skin conditions.
- Designed modular component library with **Tailwind CSS** for skincare product displays enabling rapid A/B testing.
- Optimized performance using **Next.Js** Server Components and Lottie animations, achieving sub-2-second analysis time.
- Implemented efficient image processing pipeline combining **OpenAI** Vision API with 4D Mini model for enhanced accuracy in skin tone and texture analysis

Data Annotation   **Remote**

AI Data Specialist - Freelance   *Jan 2024 - Present*

- Utilized Reinforcement Learning from Human Feedback to refine **AI** response models by analyzing software engineering user prompts, leading to an improvement in response accuracy and relevance across multiple **LLM's**.
- Facilitated diverse projects, ensuring completion within tight deadlines while maintaining high accuracy and quality standards required for project completion.
- Effectively managed a self-directed work schedule, balancing multiple projects and personal commitments to consistently meet deadlines.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Ruby, C++, C#, Python, Java, Kotlin, SQL, NoSQL

Frameworks: React, Node.Js, Next.Js, Vue.Js, Vite, Redux, Codecept.Js, Tailwish CSS, Cypress, Selenium, Appium

Technologies: Git, Vercel, Docker, Postman, DataDog, Testrail, AWS, Google Cloud, Microsoft Azure, JIRA

EDUCATION

California State University San Marcos   **San Marcos, CA**

Bachelors of Science, Computer Science