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.
- Coordinated with product development teams 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.
- Developed and implemented automated test scripts for Web(Vue.Js, Node.Js, TypeScript, Cypress) and Android Mobile(Python, Pytest), resulting in a great reduction of manual testing hours and immense accuracy rate in fleet drivers' hours-of-service records.
- Extensive knowledge of Gherkin scripting and Behavior Driven Development methodologies.
- Performed a comprehensive analysis of our codebase, identifying key areas for improvement and efficiency gains during the migration from a deprecated framework, Javascript and CodeceptJs, to Cypress and TypeScript, resulting in a 20% reduction in overall code complexity.
- 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.
- Deployed software automation on our Jenkins CI/CD pipeline, resulting in a strong, stable, and performative product.
- Logged and triaged defects in TestRail of successful mitigation techniques via monthly coordinated integration and regression testing, ensuring thorough testing coverage for all software releases leading to a drastic reduction in post-release defects.

ADDITIONAL EXPERIENCE

Data Annotation   **Remote**
AI Data Specialist - Contractor   *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.
- Ensured models adhere to legal and ethical obligations (ie. harmlessness, truthfulness, safety, etc.).
- 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: C++/C#, Python, HTML/CSS, PHP, Javascript, Typescript, Gherkin, Cucumber, Java, Kotlin, MySQL

Frameworks: Cypress, Selenium, Pytest, Appium, Vue.Js, Codecept.Js

Technologies: Linux, Shell, YAML, ANTLR, Git, Postman, Docker, Testrail, AWS, GCP, Azure

EDUCATION

California State University San Marcos   **San Marcos, CA**
Bachelors of Science, Computer Science