Lili Pertiwi

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About Me

I am a QA Engineer with nearly three years of experience, I am dedicated to delivering quality products through collaboration and meticulous analysis. Throughout my career, I have played a critical role in the software development life cycle (SDLC), driving significant improvements in product quality by identifying and resolving issues that lead to smoother deployments and enhanced user satisfaction. I aspire to go beyond testing and contribute more deeply to development. This motivation led me to pursue the certification in Software Engineering from Revou, which strengthened my technical foundation, particularly in Python, JavaScript, React, and Flask, which helped me better understand the intricacies of building robust software systems. This journey has not only improved my ability to ensure seamless integration between front-end and back-end components. Still, it has also ignited my passion for solving complex problems and delivering innovative solutions that make a meaningful impact.

Working Experiences

QA Engineer, AXA Mandiri Financial Services   January 2024 – Ongoing
- Designed and implemented web automation testing using Robot Framework and Python, resulting in a 70% reduction in regression testing effort and time, which significantly boosted team productivity.
- Created automated mobile testing for Android devices with up to 95% coverage using Robot Framework, Appium, and Python, ensuring comprehensive validation of application functionality.
- Developed custom automation scripts to handle repetitive tasks, reducing the need for manual intervention from the development team, improving testing efficiency, and ensuring consistent code quality.
- Facilitated training sessions on automation testing, enhancing team knowledge and skills in automated processes.

QA Engineer, PT BFI Finance Indonesia, Tbk   May 2022 – April 2023
- Reviewed and analyzed requirements and design documents, leading to the early detection of potential issues and a 20% improvement in testing accuracy.
- Collaborated with cross-functional teams to resolve issues, actively participating in regular meetings that improved communication and streamlined the issue-resolution process. This proactive collaboration helped ensure timely project deliverables and fostered smoother workflows across the teams.
- Implemented UI and API BDD automated tests using Cypress and Cucumber, reducing manual testing efforts by 50%, which expanded coverage of key functionalities and significantly improved testing efficiency.
- Utilized tools like Postman, PostgreSQL, and Datadog to effectively reproduce data or API-related issues, enabling faster root cause identification and reducing debugging time.
- Conducted comprehensive integration and end-to-end UAT testing across various platforms, services, and databases in collaboration with cross-functional teams.

QA Engineer, PT Astra International Tbk   March 2021 – February 2022
- Supervised the QA team by assigning tasks and offering technical support through knowledge sharing and remote mentoring, helping team members complete tasks, enhancing their technical skills, and fostering better collaboration.
- Created and managed test documentation, including test cases and results with Xray, while tracking defects via Jira and producing detailed reports that improved transparency in the testing process.
- Developed and maintained BDD automation tests using WebdriverIO and Cucumber, integrating them seamlessly into Jenkins pipelines. Leveraged Allure reports to effectively monitor test outcomes, which significantly streamlined the regression and smoke testing process, making it more efficient and reliable.
- Conducted thorough manual testing across web browsers, Android, and iOS devices, encompassing integration, regression, smoke, and UAT testing, ensuring product quality.

Information Technology Intern, Siemens   December 2019 – November 2020
- Managed purchase requisitions, travel requisitions, delegations, and claims, ensuring accurate documentation and compliance with company policies.
- Executed monthly online surveys to gather feedback on IT support services, contributing valuable insights for the IT department.
- Enhanced internal application features using ASP.NET for better usability, and overall user experience.
- Completed e-learning siplAInable: Classification, Evaluation, and Anomaly Detection provided in Siemens Learning Platform.

Education

RevoU   Februari 2024 – August 2024
Fullstack Software Engineering
Frontend Development, Backend Development, Data Integration

Universitas Indonesia   September 2017 – Februari 2020
GPA: 3.65
Bachelor of Computer Science

Project Experiences

Fullstack Developer, Revou   August 2024 – August 2024
- Developed authentication and cart features for the Mobelisayur website using TypeScript, React, and Flask; created secure user authentication with session management that improved user retention.
- Created a comprehensive cart system that improved the shopping experience, fostering more intuitive and enjoyable user interaction.
- Performed post-launch analysis to identify and resolve issues, proposing enhancements that further optimized the platform's performance and user interactions.

Additional Information

Technical Skills:
- Language: Python, Javascript, Java, Gherkin
- Frameworks: Robot Framework, Cypress, Cucumber, Flask, React, Next.js, Node.js
- Database: PostgreSQL, SQL Server Management Studio, MongoDB
- Tools: Git, Postman, Swagger, Datadog, Jenkins, Jira
- Testing: Automation Testing, System Testing, Unit Testing

Soft Skills: Problem-Solving, Critical Thinking, Collaboration, Communication, Time management

Certification:
- Full Stack Software Engineering, Revou   August 2024
- Cloud Practitioner Essentials (Belajar Dasar AWS Cloud), Dicoding Academy   July 2021
- Programming: HTML, CSS, Javascript, Digital Talent Scholarship   June 2020
- Memulai Pemrograman dengan Kotlin, Dicoding Academy   October 2019
- Artificial Intelligence, Digital Talent Scholarship   August 2019
- Google Digital Garage, Google   May 2019