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Experienced Software Test Engineer with 3+ years in manual and automated testing across web, mobile, and client/server applications. Skilled in Agile (Scrum, Sprint), test automation, API testing, and performance testing using Selenium, Cucumber, Appium, Rest Assured, and JMeter. Adept at developing automation frameworks, executing test plans, and ensuring software quality across various environments.

Skills

- **Programming Languages:** Java, C#
- **Framework:** BDD (Behavior-Driven Development), Hybrid Framework, Data-Driven, Appium
- **Cloud Platforms (AWS):** IAM, EC2, EBS, ECR, EKS, S3, Route53, RDS, Autoscaling ,Azure
- **Scripting:** Shell Scripting
- **Database Management**: MySQL, PostgreSQL, MongoDB, Microsoft SQL Server
- **Version Control:** Proficient in Git for version control
- **Operating Systems:** Windows , Linux
- **Testing Tools**: Postman, JMeter, Selenium WebDriver, Cucumber, Testng , Appium , Rest assured , Jenkins (for CI/CD integration testing),soap ui
- **Agile Methodology**: Proficient in Agile methodologies, including Sprint and Scrum.

CERTIFICATION

- Certified Microsoft Az-104 Azure Administrator
- Manual and automation testing from QSPIDER, Bengaluru
- C++ from Udemy

EDUCATIONAL QUALIFICATION

B.E. (Bachelor of Engineering):
- University/College: IES College of Technology
- Percentage: 70%

Higher Secondary:
- School: Purvanchal Public School
- Percentage: 87%

Secondary:
- School: M. Saraswati Vidya Mandir
- Percentage: 78%

WORK EXPERIENCE

1. *ICEICO Technologies Private Limited, Nagpur*
   Software Engineer
   October 2022 – Present

   Project Overview:- Worked on Order Management System (OMS) and Battery Swapping System, ensuring end-to-end software quality through manual and automated testing. Developed test automation frameworks, API validations, and performance testing strategies to enhance system reliability, scalability, and efficiency.Integrated automated testing into CI/CD pipelines to streamline deployment and improve release efficiency.

   Projects & Contributions:
   1.Order Management System (OMS):- A scalable platform managing order processing, inventory control, payment workflows, and shipment tracking for seamless fulfillment across business operations. Ensures real-time visibility, accuracy, and efficiency in handling high-volume transactions while integrating with third-party logistics and payment gateways.

- Conducted end-to-end testing covering order creation, tracking, refund processing, and stock updates.
- Automated UI testing using Selenium WebDriver with Java, ensuring seamless web application performance across browsers.
- Developed API automation scripts using Rest Assured, ensuring seamless backend integrations.
- Performed database validations (SQL, PostgreSQL) to verify order and transaction accuracy.
- Conducted performance and load testing with JMeter, assessing system responsiveness under high-order traffic.
- Integrated automated tests within CI/CD pipelines (Jenkins, Azure DevOps) for continuous deployment.

2.Battery Swapping System:-An advanced EV Battery Swapping System enabling quick battery exchanges through real-time tracking and secure digital transactions. The system ensures efficient station management and optimizes battery availability.

- Designed and executed functional, UI, integration, regression, and system testing for battery swap requests, station availability, and user authentication.
- Automated Web UI testing using Selenium WebDriver and mobile UI testing using Appium, ensuring a seamless user experience on Android, and multiple web browsers.
- Developed API automation scripts with Rest Assured & Postman, improving backend validation processes.
- Conducted stress and performance testing with JMeter, analysing system behaviour under high battery swap demand.
- Verified real-time battery health monitoring and secure payment processing, ensuring transaction accuracy and system efficiency.

Key Responsibilities:
- Performed manual and automated testing, covering functional, UI, integration, regression, sanity, system, smoke, acceptance, exploratory, and end-to-end testing to ensure software quality.
- Developed and maintained Selenium WebDriver & Cucumber-based automation frameworks for cross-browser and cross-platform testing of web applications.
- Designed and executed API testing using Rest Assured & Postman, validating RESTful web services, verifying API responses, and ensuring seamless backend communication.
- Performed performance and load testing using JMeter, optimizing system response times under high traffic and ensuring application stability under stress conditions.
- Conducted database testing (SQL, PostgreSQL, MySQL, MongoDB) to validate data integrity, stored procedures, triggers, indexing, and query optimization.
- Implemented API automation testing in CI/CD pipelines, ensuring seamless integration with microservices architecture and backend services.
- Performed exploratory testing to uncover edge cases and unexpected behaviour, enhancing software reliability.
- Automated data-driven testing using Selenium, TestNG, and JUnit to validate multiple input scenarios.
- Utilized JIRA for test case management, defect tracking, and Agile sprint planning, ensuring clear communication between QA and development teams.
- Worked closely with developers, business analysts, and product managers to refine requirements and improve test coverage.
- Actively participated in Scrum meetings, Sprint planning, and Retrospectives, providing valuable insights to enhance Agile process efficiency.

2. **Samin Tekmindz pvt ltd**
   Software engineer
   February 2022 to October 2022

Project Overview:- Worked in the Electric Vehicle (EV) domain, focusing on the development and testing of OCPP 1.6-compliant charging station management systems. Ensured seamless communication between EV charging stations and backend systems by validating OCPP 1.6 messages, session management, transaction handling, and remote operations.

Key Responsibilities:

- Worked on OCPP 1.6-compliant EV charging systems, ensuring proper message exchange between charging stations and central management systems.
- Developed and executed manual and automated test cases across all phases of the Software Development Life Cycle (SDLC), ensuring high-quality software releases.
- Implemented and maintained a Hybrid Framework with a Data-Driven approach, enabling scalable and efficient test automation solutions.
- Performed API testing using Rest Assured, validating OCPP 1.6 message formats, transaction processing, session management, and remote charging operations.
- Conducted database testing (SQL, PostgreSQL, MySQL) to verify charging session logs, billing transactions, and data integrity.
- Performed end-to-end testing, covering sanity, functional, integration, regression, smoke, exploratory, security, and performance testing.
- Developed automation scripts using Selenium WebDriver with C#, ensuring smooth execution of test cases across various browsers and environments.
- Engaged in Agile (Scrum) development, participating in daily stand-ups, sprint reviews, sprint planning, and retrospectives to align with project goals.
- Integrated automated test scripts into CI/CD pipelines (Jenkins, Azure DevOps) to enable continuous testing and rapid software deployment.
- Validated communication flows between EV chargers and the backend system, ensuring real-time monitoring, error handling, and firmware updates.

3.Halodoc Technologies LLP

Software Testing Intern
October 2021 to January 2022

- Assisted in manual and automated testing of web-based applications, gaining foundational knowledge in quality assurance processes and the overall project workflow.
- Collaborated with senior testers to design and document test cases based on functional and non-functional requirements, improving test coverage and efficiency.
- Executed test cases and tracked defects using JIRA, ensuring precise logging and resolution of bugs.
- Conducted regression testing to ensure the stability of existing features after new updates, maintaining software functionality.
- Engaged in internal training sessions and workshops to continuously enhance proficiency with testing tools such as Selenium, Postman, and JIRA.

Declaration

I certify that the information provided above is complete and accurate to the best of my knowledge and belief.

Dated:

Place: [Atul Kumar]