KULDEEP LOHAR

+91-9024286385 | kuldeeplohar9@gmail.com | linkedin.com/in/kuldeeplohar9 | github.com/kuldeeplohar9

PROFESSIONAL SUMMARY

6+ years Sr. Validation Engineer. Expert in crafting and executing validation plans, ensuring compliance & quality. Optimize processes, deliver flawless products.

TECHNICAL SKILLS

Tools & Technologies: Selenium | Postman | JMeter | TestNG | BDD-Cucumber | Maven | GIT & GitHub | Docker | Jenkins (CI-CD) | JIRA | RestAssured | Eclipse | Agile (PLM) | Smart Metering Systems (AMISP) | Meter Data Management (MDM) | HES | NB-IoT.

Scripting Languages: Java | PostgreSQL.

Security Testing Tools and Cloud: Burp suite | Immune web | Golden eye | AWS.

Domains:- Website | Web Services | Mobile App | Metering.

Testing Methodologies:- Automation Testing | Manual Testing | API Testing| Mobile App Testing | Database Testing | Security Testing.

EXPERIENCE

Secure Meters Limited, Udaipur, India

Senior Software Validation Engineer (NPD)   Aug-2017-- Present

- Mastery in diverse testing methodologies including Manual Testing, Functional Testing, System Testing, Regression Testing, UAT, Backend Testing, Website Testing, Mobile App Testing, API Testing, Web Services Testing, and Browser Testing.
- Proficiently utilized **Black box and Gray box** testing methodologies to ensure comprehensive test coverage.
- Proficient in writing Test Cases (**with over 6000+**), Test Scenarios, Defect Reports, and Test Summary Reports.
- Spearheaded verification strategies and crafted agile-based verification plans, optimizing efficiency throughout the **SDLC**.
- Applied strong judgment to accurately report software bugs, collaborating with the Dev Team for **15% faster resolution** & quality enhancement.
- Automated Web Applications and APIs, streamlining testing processes and reducing **testing time by 30%**.
- Provided invaluable assistance to developers in troubleshooting and resolving customer issues promptly.
- Managed and updated defects in **PLM system with 100% accuracy**, ensuring seamless tracking and resolution.
- Actively engaged with leaders, external partners and internal teams, fostering innovation in design and achieving **10% product efficiency boost**.
- Significantly contributed to the design and review of production tools, leading to a **20% enhancement in processes**, while striving for excellence.
- Conducted rigorous testing of various metering firmware, ensuring **99.9% accuracy** rate in energy measurement systems and enhancing reliability.

PROJECTS

Project-1: AMISP (Advanced Metering Infrastructure Service).
- Developed and executed test plans, test cases and bug reporting. Conducted comprehensive System and integration testing for the AMISP system.
- **Testing of Modules:**Website | Web Services | Mobile App | functionality of Electricity Meter | Meter Gateway | MDM | HES | Automation of API.
- **Tools & Technologies:** NB-IoT | BLE | TCP | UDP | DLMS | Postman | JMeter | Meter reading Tool.

Project-2: Automate E-commerce Website and integrate with Jenkins CI/CD.
- Worked on developing POM-based automation Suite for Web-based application and integrated the automation suite with Jenkins.
- **Tools & Technologies:** Selenium| Maven | TestNG | Java | Jenkins | Extent Report | log4j2 | POM.

Project-3: Automate APIs using Postman and design RestAssured Automation Framework, integrating with Jenkins CI/CD Pipeline.
- Developed API automation scripts using Postman and REST Assured. Integrated API automation with Jenkins into the CI/CD pipeline.
- **Tools & Technologies:** Postman | Java | TestNG | Jenkins | RestAssured | JSON | Extent Report | POJO class .

CERTIFICATION

Automation Testing Master's Program from Simplilearn.   Duration: 6 Months   Dec-2023

ACHIEVEMENTS & AWARDS

- **CPRI LAB CERTIFICATION** - Played a pivotal role in achieving CPRI Bangalore Lab Certification for **MDM and HES components** of the AMISP system.
- Awarded for resolving AMISP project issues in Bihar and developing SOP for a smooth process.
- Received recognition for implementing automation tools in the Meter Production lines to streamline operations and eliminate manual tasks.

EDUCATION

B.Tech in Electrical Engineering from Rajasthan Technical University.   Aug-2017

Diploma in Electronics and Communication Engineering from Board of Technical Education Rajasthan.   Aug-2013

CORE COMPETENCIES

Detailed and Organized | Customer Focused | Manual Testing | Independent Work | Continuous Improvement | Agile Methodologies | Team Management | Problem-Solving.