HARSHA VARDHAN

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PROFESSIONAL SUMMARY

Experienced **Quality Analyst** with over **4 years** of expertise in manual and automated testing, specializing in **UI, API, and mobile testing**. Proficient with tools such as **Selenium**, **Karate**, **Rest Assured**, **Perfecto**, and **Jenkins**. Expertise includes managing the full **Software Testing Life Cycle (STLC)**, designing scalable automation frameworks, and optimizing testing processes to deliver **high-quality, defect-free software**.

PROFESSIONAL EXPERIENCE

Accenture   *Hyderabad, India*

Quality Analyst (Clients: PNC Bank, Kaiser Permanente)   *June 2022 – Present*

- Led full-stack testing solutions, coordinating cross-functional teams and maintaining industry-standard quality benchmarks, achieving a **98% defect-free rate**.
- Delivered over **500 test cases** covering key functionalities like bill pay and check deposits, improving customer satisfaction by **20%** and reducing issue resolution time.
- Spearheaded the creation of a robust **Karate testing framework integrated with Cucumber (Gherkin syntax)**, automating **200+ test scenarios** and cutting manual effort by **60%**.
- Integrated the testing framework with **Jenkins** to establish a CI/CD pipeline, reducing deployment times by **25%**, with rigorous regression, functional, and sanity testing.
- Designed and maintained **70+ Selenium automation test cases** using the Page Object Model (POM) framework, improving **UI testing efficiency**.
- Conducted comprehensive database testing with **MySQL**, ensuring application performance and data accuracy.
- Created professional test reports using **Jira-Xray and ALM**, tracking **600+ test cases** and enhancing team productivity.
- Participated in **Agile ceremonies**, improving workflows and reducing development cycles through iterative feedback.
- Managed over **1,000 complex test data records**, ensuring data integrity and compliance across regression, functional, and end-to-end testing.

Associate Software Engineer (Clients: PNC Bank)   *Feb 2021 – June 2022*

- Played a pivotal role in improving the **UI Path Image Detection automation framework** by developing **140+ automation scripts**, boosting testing efficiency by **40%**.
- Upgraded the image detection framework to a **remote runtime system**, improving script efficiency by **50%** and increasing reusability by **60%**.
- Enhanced the **Selenium-based Cucumber framework** by adding **40+ UI test cases**, ensuring **95% test coverage** and reducing defect leakage.
- Developed and executed **150+ mobile test cases** using **Perfecto**, integrated with **Selenium-based Cucumber**, improving cross-device testing coverage by **40%**.
- Managed over **500 test cases** in **Git repositories** and maintained detailed reports in **Qtest**, improving documentation and reducing audit preparation time.
- Implemented **Jenkins integration** for seamless test execution on remote machines, reducing test execution time by **35%** and optimizing automation workflows.
- Optimized test coverage by utilizing **risk-based analysis techniques** to focus on high-impact areas.

EDUCATION

Bachelor of Engineering, Electronics and Communication *Aug 2016 – Nov 2020*
Osmania University, Hyderabad

TECHNICAL SKILLS

- **UI Automation Tools:** Selenium (Java), UI Path (RPA Tool)

- **API Automation Tools:** Karate (DSL), Rest Assured (Java), Postman

- **Version Control and CI/CD Tools:** Git, Bit bucket, Jenkins

- **Domain Knowledge:** Banking, Insurance, Health Care

- **Reporting and Management Tools:** Jira Xray, Qtest, ALM, Confluence, Swagger, Power BI

- **Frameworks:** Page Object Model (POM), Data Driven Model, Cucumber (Selenium and Karate)

- **Other Skills:** Agile Methodologies, Microsoft Tools