Shilpa R

Software Development Engineer in Test II

✉ shilpameenu19@gmail.com   ☎ +91 8608302066   🌐 *https://www.linkedin.com/in/shilpa-r-1b3b38188/*

Enthusiastic and quality-driven **Software Testing Engineer** proficient in both **Manual** and **Automation testing**, adept at overseeing the **testing lifecycle**, and providing leadership in collaborative environments. Excited to apply extensive testing skills, ensuring superior quality outcomes, and contribute testing prowess to challenging projects.

Experience

Software Development Engineer in Test II   *April 2021 – Jan 2024*

Zionext Technologies Pte. Ltd, Chennai,India

- **Identified and resolved bugs** in maintenance projects, ensuring code quality and functionality.
- Created **User Acceptance Testing(UAT)** documents, outlining comprehensive testing scenarios.
- Replicated **external bugs** and provided detailed steps for replication, aiding in efficient resolution.
- Compiled and provided **release packages** for on-site deployments, ensuring seamless releases.
- Conducted diverse testing methodologies including **Functional, Integration, Regression, System, and Exploratory testing**, ensuring comprehensive test coverage.
- Prepared detailed **test cases** based on functional specifications and user requirements, ensuring accurate testing coverage.
- Utilized **JIRA** for tracking bugs, effectively managing the bug resolution process. Maintained project codes in **Bitbucket**, ensuring version control and organized release management.
- Created and maintained pages with updated content in **Confluence**, facilitating effective project documentation.
- Adapted to an **Agile environment**, managing frequently changing requirements and feature sets with agility and efficiency.
- Utilized **Mobile Security Scanning Framework (MobSF)** for APK scanning, generating a detailed Static Analysis Report
- Executed **manual, regression** and **end-to-end testing**; automated testing scripts using **PyCharm** with **Robot Framework**, **Selenium** and **Appium libraries** for efficiency
- Assisted in creating **Android APK files** and **iOS IPA files** in **Visual Studio Code** following specific developer fixes
- Managed the upload of **production builds** to **App Center** and **Play Store**, ensuring seamless deployment for end-users.
- Experience with **automation** for iPhone/Android/Mac platforms
- Actively contributed to **learning** and **adapting to new challenges**

Projects

Singapore Mobile Application Version (PAssion app)   *July 2022 – Jan 2024*

- Orchestrated manual testing for Android and iOS apps encompassing unit, regression, and end-to- end assessments.
- Employed **PyCharm**, **Robot Framework**, **Selenium**, and **Appium** automation scripts, streamlining testing procedures.
- Spearheaded **APK** and **IPA** creation in **Xcode**, enforcing security checks and clearing Static Analysis Reports pre-deployment on App Center and Play Store.

LMS Applications using Moodle   April 2021 - Dec 2022
(HTLMS, DSTA ACADEMY, VITAL, ETEST, MHA, AGD)

- Evaluated requirements, devised, and **executed tests** for web applications.
- Conducted targeted fix tests, **regression tests**, and **managed merges** to the **integration** branch. Orchestrated client demos, fostering team learning, and ensured punctual, top-notch deliverables by **overseeing daily issues** and collaborating with **onsite** teams.
- Coordinated **packaging** and **deployment** to the **production** environment for **comprehensive testing.**

Methodologies and Tools: Agile and Scrum Methodology, JIRA, Bitbucket, Gitflow, SQL, SourceTree, **PyCharm**, Visual Studio Code, **Xcode**, Docker, Test Link

Testing Frameworks and Libraries: Appium Library, Selenium Library, **Robot Framework**, **MobSF (MobileSecurity Framework)**

Education

Bachelor of Engineering in Electronics & Communication Engineering   *2016 -2020*
Jeppiaar Institute of Technology, Chennai, India

Skills and Core Competencies

- Manual Testing
- Functional Testing
- Agile and Scrum Methodology
- Selenium and Appium Library
- Report writing and presenting
- Excellent Communication Skills

- Automation Testing
- Unit Testing
- JIRA
- Source Tree
- GIT flow
- Defect Tracking

- Regression Testing
- Bitbucket
- MobSF(Mobile Security Framework)
- Mobile Testing
- Test cases preparation
- Strong interpersonal skils

Languages

- English
- Tamil
- Hindi
- French