

SUMMARY

- **Adept in QA methodologies** such as **Functional Testing, Regression Testing, Integration Testing,** and **System Testing**, ensuring comprehensive test coverage across platforms including **Android** and **iOS**.
- **Proficient in tools** like **ADB Commands, Charles Proxy, Android Studio,** and **Test Automation Frameworks**, with expertise in optimizing **device validation** (e.g., **Samsung Galaxy, Google Pixel, iPhone**) and **cloud-based testing** processes.
- **Focused on driving customer-centric test plans** and collaborating with development and engineering teams to align **test strategies** with product goals.
- **Experienced in testing mobile, web, and hardware applications** within agile environments, ensuring seamless execution of testing across all stages of the **SDLC**.
- **Skilled at breaking down complex requirements** into detailed, actionable **functional test cases**, improving **testing efficiency** and delivery timelines.
- **Highly effective in cross-functional teams**, fostering communication between **QA and engineering teams** to enhance product quality and accelerate release cycles.

PROFESSIONAL EXPERIENCE

- **Quality Assurance Engineer, New York Institute of Technology - Jan 2024 - May 2024**
 - **Collaborated with cross-functional IT and engineering teams** to ensure optimal **performance** of both **software** and **hardware** across academic environments, including **desktops, laptops, smartphones,** and **tablets**.
 - **Led initiatives to proactively resolve software and hardware issues**, resulting in a **25% improvement in system uptime** and **operational efficiency**.
 - **Assisted in implementing innovative technological solutions** to enhance **academic projects**, fostering a streamlined experience for **students** and **faculty**.
 - Coordinated with different departments to **test and troubleshoot new system features**, ensuring minimal **downtime** and seamless **performance**.
 - Spearheaded **system performance audits** and **testing procedures**, contributing to the development of high-quality, repeatable **IT processes**.
 - Provided **technical support** and assisted in the **rollout of new software tools**, ensuring smooth integration into existing **infrastructure**.
 - Conducted **root cause analysis** for recurring **system issues** and worked closely with teams to implement effective **long-term solutions**.
- **Software Quality Assurance Engineer, Yardi India Software Pvt Ltd - June 2019 - July 2022**
 - Led **functional** and **performance testing** for proprietary **utility bill management software** on **web** and **mobile platforms**, including **iPhones, Android phones, tablets,** and **desktop browsers**, improving **system efficiency** by **60%**
 - Conducted **UI, regression,** and **integration testing**, ensuring **software compatibility** across various **platforms** and **devices**, such as **Windows PCs, MacBooks,** and **Samsung Galaxy phones**.
 - Validated data accuracy, processing speed, and system scalability, enhancing overall system performance and customer satisfaction.
 - Utilized tools like **SQL** for **data integrity verification** and **Jira** for **bug tracking** and **reporting**, facilitating seamless **issue resolution** with the **development team**.
 - Collaborated with developers to identify and resolve critical bugs during the testing cycle, contributing to more efficient release cycles.
 - Optimized **test case development** and performed **root cause analysis** on recurring **software issues**, reducing **post-release bug reports** by **20%**
 - Consistently recognized among the **top 10 performers** for high **productivity**, effective **bug resolution**, and maintaining **quality standards** in a **fast-paced environment**.

- **Software Developer Intern, Prakrut Software Solutions Pvt Ltd -** **Aug 2018 - Jan 2019**
 - Developed and conducted **end-to-end testing** for a **web-based resale car management application**, focusing on key functionalities such as **data management** and **user interface performance** on **desktops, laptops, smartphones, and tablets**.
 - Performed **black box testing** to identify critical **performance bottlenecks**, improving **system responsiveness** and contributing to a **40% increase** in **user satisfaction**.
 - Led **integration testing** across multiple **modules** to ensure seamless **functionality** between **front-end** and **back-end systems**, identifying and resolving key discrepancies.
 - Conducted **Build Acceptance Testing (BAT)** for every new **release** and maintained **quality standards** through rigorous **manual** and **automated testing procedures**.
 - Actively participated in **post-release validation** to ensure **stability** and **functionality**, minimizing **post-launch issues** and improving overall **product quality**.

SKILLS

- **QA Testing:** Functional Testing, Regression Testing, Integration Testing, System Testing, Automation Testing, Device Compatibility Testing, Real Device Testing.
- **Tools:** ADB Commands, Charles Proxy, Android Studio, Xcode, TestRail, Jira.
- **Automation & Debugging:** Selenium IDE, Python Scripting, Test Automation Frameworks, Log Analysis.
- **Platforms:** Mobile and Web Application Testing, Cross-Browser Testing, Cloud-Based Testing, API Testing (REST/SOAP).

ACADEMICS PROJECTS

- **Instant Messaging Application, New York Institute of Technology -** **Jan 2023 - May 2023**
 - Conducted **performance testing** on **real-time messaging systems** across multiple **platforms**, achieving a **95% accuracy rate** in **message delivery** and handling on devices such as **iPhones, Android phones, and Windows PCs**.
 - **Tested critical functionalities**, including **message synchronization, server connectivity, and cloud-based storage performance**, ensuring seamless message handling in various **network conditions**.
 - **Verified compatibility** of the messaging system with both **mobile** and **web platforms**, ensuring smooth integration and interaction across devices such as **iPads, Samsung Galaxy devices, and MacBook**s.
 - **Conducted sanity testing** on **builds** and provided **build acceptance reports** to ensure **message reliability** across different **environments**.
 - **Collaborated with backend engineers** to optimize **server-side performance**, ensuring the system maintained **high availability** and efficient handling of **large-scale messaging loads**.
- **Online Car Showroom, Prakrut Software Solutions Pvt Ltd** **Aug 2018 - Jan 2019**
 - **Collaborated with the development and QA teams** to create detailed **test cases** and conduct **functional testing** for key components of the **web application** on devices such as **desktops, laptops, iPads, and Android tablets**.
 - **Verified API integration** for **real-time car listings** and ensured seamless interaction between **front-end** and **back-end systems**.
 - **Performed in-depth reviews** of **user authentication mechanisms**, ensuring the smooth functionality of **user logins, sessions, and account management**.
 - **Debugged and optimized the website** for better **performance** and **user experience**, resulting in a **30% increase** in **user traffic**.
 - **Conducted regular cross-browser testing** to ensure consistent **functionality** and **user experience** across all major **web browsers** such as **Chrome, Firefox, Safari, and Edge**.

EDUCATION

- **Master's of Science in Computer Science, New York Institute of Technology -** **May 2024**
 - Courses: Operating System Security, Software Engineering, Big Data Analysis
- **Bachelor of Vocational in Software Development, Prof. Ramkrishna More College -** **June 2019**
 - Relevant Courses: Database Management, Object-Oriented Software Engineering, Data Structures