## MANDEEP SINGH

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##### SUMMARY OF EXPERIENCE

* Experience with application development and **Test Lead.**
* Solid knowledge of software quality assurance methodologies and tools.
* Implemented **CI/CD Framework** for sanity and Regression automation.
* Leading Automation team for **Mobile App Testing.**
* Present Demos and other presentations to the teams and management.
* Manage the Delivery of the projects and quality of the project.
* Lead Automation and manual QA Team.
* Android Application Testing using Appium, Python, Android SDK and other tools.
* **API testing using various tools (e.g. Postman, Jmeter, Node JS, Cypress, Rest Assured).**
* Excellent in preparing QA documentation and deliverables and project artifacts such as Test Data, **Test Scenarios**, **Test Cases**, Test Plans, Test Status Reports, Defect Management.
* Experience in functional, integration, system, security, performance, regression, and user acceptance testing using manual or automated testing techniques.
* Expertise in Functional, Performance Testing, GUI Integration, End-to-End, Smoke, Sanity, Regression and UAT Testing, Database testing and backend testing.
* Hands-on working experience with commercial databases (MySQL) and Mongo Db.
* Experience in **PL/SQL, J2SE, J2EE**, **mobile/desktop application development**.
* Working experience in Scrum/Agile software development process.
* **Quick learner and innovative approach to meet the client’s requirement.**
* Good team player who can work independently as well with minimal supervision.
* Solid experience working in fast-paced and dynamic team environment.
* Experience with web Automation testing and Android testing.
* Experience with black box and white box testing with solid understanding of Software Development Lifecycle (SDLC) and Quality Assurance (QA) requirements.
* Experience with Web Automation tool Cypress/WebdriverIO/Selenium with java and python and API automation with Rest Assured.
* Experience in Testing **AngularJS** applications and mongo db.

**EDUCATION**

* Post graduate diploma in Wireless Networking from Fleming College.
* **Master’s in computer applications** from Guru Nanak Dev University, Amritsar, India
* Bachelors of Computer Applicationsfrom Khalsa College, Amritsar, India

**SKILLS & EXPERTISE**

* Testing Tools: **Selenium Webdriver(Junit)**, **Appium**, Android SDK, BDD, **UFT**, **Postman**, **Jmeter**, **LoadRunner**, **Httprequest**, **MySQL Workbench, UFT, Screaming frog(for SEO).**
* Web development: **JavaScript, JSON, XML, NodeJS, API Testing.**
* Database: **SQL DB, SQLite, Mongo DB**.
* Java: J2SE, J2EE (EJB, Servlet, JSP, JDBC, ODBC).
* Operating Systems: Windows 7 and XP, Linux, UNIX, **Mac**.
* Software Packages: Eclipse, Advanced skills in Microsoft Office, Dreamweaver, ADT (Android development tool kit).
* CCENT basics: TCP/IP, FTP, DHCP, DNS, VPN, PC troubleshooting.
* Others: C, C++, Android development, Slack.
* Cypress Web and API Automation.
* WebdriverIO Automation.

**WORK EXPERIENCE**

**GM Canada, Markham**

Role: Lead Software Test Specialist (Automation) **May 2018-Present**

* Define test strategy and test plan based on software development plan.
* **Write automation scripts in Javascript, java, python for Automation in Appium, Robot framework, Selenium for web and Apps.**
* Lead Automation Team with planning the automation taks for team.
* **Build automation frameworks, ci/cd pipelines for daily Automation.**
* Screening new hiring candidates.
* Taking Technical Interviews.
* Writing automation scripts in Python, Java, Xml.
* Lead different leading activities, escaped defects analysis, performance testing.
* Manager new Hire and mentor and guide them in order to achieve the best goal.
* Develop test tools and test scripts to automate the testing.
* Prepare test report, provide initial issue analysis, and contribute to defect prevention.
* Setup and configure necessary test equipment and environments for test execution and automation.
* Participate in the continuous improvement of test processes and methodologies.
* Writing new scripts for automation and maintain existing scripts and framework.
* Working closely with development team, doing code review and writing unit test cases in java.
* Writing script for different cases in python.
* Experience with **android app testing**.
* Working with Automotive CAN signals, Vehicle spy other automotive tools.
* Writing python scripts for automation testing.
* **Writing scripts for Appium Automation in java and keyword driven testing.**
* Helping and mentoring team members.
* Code Review scripts before sumbit to gerrit, git.

**Yellow Pages, Toronto September 2015-May 2018**

Role: Sr. Software QA Specialist

* Works with application development teams to participate in solution design to ensure testability of
functions and applications.
* Worked with Jira, Confluence.
* Lead ERP NetSuite projects for sales and Accounts Team.
* **Leading automation Team, creating plans for automation and creating stories and task for the automation team.**
* **Leading the team of co-op students and other QA engineers**.
* **Running different meetings for developers for estimation, retrospective and other requirement clarifications.**
* Working with **HTTP**, **RESTful services**, **API Testing**, **JSON**, **HTML/CSS**, and Web Application Development.
* API Testing with **Rest assured.**
* Execute manual, **automated** and performance testing, and track and manage test results.
* Created a **Jenkins build** and deployment pipeline, automated unit, integration and GUI.
* Develop test plans, test cases, test scripts and test reports on multiple projects of varying size.
* Document, track, and communicate test cases, results, analysis, and unresolved problems to
developers. Maintain defect-tracking database for multiple projects.
* Experience in automation using **Selenium** **Webdriver**, **Junit,** **JAVA**.
* Participate in software test plan reviews, requirements review, test execution, and problem
reporting and resolution.
* Experience in working with **github**, **gitlab**, **scrumdo**, **jira and confluence**.
* Working with Continuous Integration tools (e.g. Jenkins).
* Database testing using **SQL dB** and **MONGO db**.
* Website testing using **selenium IDE** and **Restful API testing using various tools (e.g. Postman, Jmeter, Node JS).**
* **NetSuite Testing.**
* Monitor Co-op Students and manage the testing tem and assign work to them according to requirements.
* Performance/stress/load/compatibility testing using **Jmeter**, **LoadRunner**, **browser stack**, **apache benchmark tools**.
* Cloud Testing.
* Take part in estimation meeting, perform scrum master responsibilities, and write user stories.
* Review test plan, take part in marketing meetings.
* Effectively communicates with team members, stakeholders and business partners using a variety of techniques and collaboration from initiation to close and build documentation.

**Synergy Tech, Toronto January 2015-September 2015**

Role: Sr. QA analyst

* Created Test Cases, conducted testing and documented and tracked test results and bugs.
* Hands on experience with database testing, ETL Process and wrote complex **SQL, T-SQL and PL/SQL queries**.
* Performed system, unit, acceptance, regression, load and functional/performance testing on dozens of applications using both automated and manual testing methods.
* Created test scenarios for User Acceptance Testing (UAT).
* Experience in working with **JIRA.**
* Executes tests (either manually or using **HP UFT/ jmeter or MS TFS**) to compare results with requirements, to verify test requirements.
* Maintained documents for change request and implemented procedures for testing changes.
* Leveraged knowledge of object-oriented programming to help validate, verify, communicate and resolve software issues through careful, thoroughly documented testing to maximize return on investment (ROI) for IT initiatives.
* Documented and reported **bugs,** errors, interoperability flaws and other issues within proprietary software applications developed for the organization.
* **Demonstrated methodical, detail-oriented and thorough approach**toall assignments while adhering to compressed timelines.
* **Executed load tests** within our performance test environment and verify the logs on servers.

**Capanicus, India September 2012-August 2013**

Role: Application Developer

* Leveraged knowledge of object-oriented programming to help validate, verify, communicate and resolve software issues.
* Writing code in java for android Applications.
* Worked as Android application developer.
* Experience working with large code bases, developing entirely new code and maintaining existing code.
* Strong understanding of Object Oriented Programming concepts, Android application architecture and software design patterns.
* Strong working knowledge of **Android SDK**.
* Android front-end development skills and Developed integrations with **RESTful APIs.**
* Experience parsing **XML / JSON.**
* Experience with **SQL Lite and other databases**.
* Used third party API to add additional features in existing/new applications. For example: Google API for maps.
* Worked directly with the clients and provided email and on call Support.
* Performed code and Accessibility Testing in Desktop and Mobile Devices.

**TATA CMC Limited, India January 2012-July 2012**

Role: Intern - Software Developer

* Worked on “E-Farming Website” in JAVA technology.
* Familiar with SQL, relational databases and relational modeling.
* Worked in JavaScript, jQuery for validations, CSS, HTML5 for designing and styles in UI and Java.
* Creating, editing or modifying templates for a CMS or web development framework.
* Creating Documentation and programming in JDBC and SQL.

**AWARDS**

* Awarded the "Best performer" while working in development team continuously for 4 months.
* Active member of “Art of Living”, an International Foundation.
* Part of **best performer summit** while working with Yellow Pages
* Exceed Expectations Rating candidate in GM Canada.