**Nagendra Kumar Ojha**

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**SDET-Automation/Project Lead**

**Objective**

* Would like to pursue a career in a challenging work environment where I can upgrade and apply my knowledge/skills and progress along with the organization.

**Professional Summary:**

* Total 16+ years of experience in QA Automation including identifying and defining business cases.
* Define project tasks and resource requirements.
* Develop detailed project charter, project plan and transition plan depending on solution complexities, priorities, and deliverables.
* Strong hands-on knowledge in developing automation builds using CICD (continuous integration and continuous delivery using Jenkins, AWS Lambda creation, Stack creation.
* Strong Hands-on experience for AWS cloud migration from Oracle Database to Mainframe.
* AWS EC2 Instance, S3 bucket creation and working knowledge on Server less Architecture, Micro services, SNS, SQS, Lambda Function.
* Java based Lambda Function creation. Based on S3 Event.
* Onsite & Offshore Resources coordination, Hired, Trained and Mentor.
* HP QTP- UFT 12.2, SELENIUM, ATDD (RUBY CUCUMBER, Java-JVM), BDD, TDD.
* End to End Architectural Exposure.
* CEI script validation using Selenium Web driver.
* Strong experience in manual and Automation Testing.
* Proficient in Automation tools like, UFT/Selenium/SOAPUI/JMETER/Ruby Cucumber, Java-JVM), JAVA, HP service virtualization, BDD, TDD/ Jenkins/GIT and Microservice architecture.
* Strong experience implementing QA process and methodologies.
* Expertise in Upgrade and Migration Data transformation & Data Validation.
* Experience in Feature Testing - Automation Testing – Performance Testing - Integration Testing-Regression Testing - User Acceptance Testing and cross-functional teams to build and deliver a project.
* Good understanding of SOA testing.
* Worked on Load Runner and JMeter for Performance testing.
* Excellent Knowledge on UAT testing and coordinating with client-side stakeholders like Business Users, Project Managers.
* Onsite and Offshore team co-ordination and creation and/or maintenance of project management documents including status reports, project plans, knowledge transfer, Matrix report creation, Deadline and follow up meeting.
* Tracking quality assurance metrics such as defect densities and Test Signoff report preparation.
* Good understanding of DB2 Oracle Database, Teradata Mainframe, MS SQL JIRA/Version One, Swagger, SPLUNG, PUTTY, ALM, TFS/MTM.
* Experience in MongoDB, Rational Clear Quest, Para soft, Mainframe database, HP Quality Center, and Radar-Apple Tracking tool.
* Automated the test script for Data and Request/Response validations of the web services, RESTAPI.
* Onsite and offshore leading an automation team of 10 – 20 resources.
* Knowledge and strong experience in testing mobile apps on different Mobile Application Platforms such as iOS and Android and on Mobile device testing.
* Working knowledge on platforms like Windows and Mac OS.
* Good understanding of ADB, basic Linux commands.
* Own and co-ordinate Language related issues. Work as a follow-up and Coordinator for these issues and Training for New joinee.
* Set up, maintain, and perform test automation frameworks on multiple application platforms, such as Mobile, Desktop, and Web, and building test scenarios and acceptance/functional tests using Python/Java programming language.
* Experienced in DevOps practices: Continuous Integration/Delivery (CI/CD), Jenkins.
* Co-ordination with Offshore team and Onsite team.
* Developer JAVA/ RUBY Cucumber using Gherkin scripts to validate Pre and Post conditions of the eAPI service.
* Experience in API testing and development.
* Experience in Integrate with CI/CD reporting with UI testing tool.
* Functional UI, load testing and Restful API testing and Micro services.
* Record and play with cross browser UI automation testing.
* Experience in AppDynamics.
* Experience with Continuous Integration and Continuous Development (**CICD**) Tools using Jenkins.
* Worked on Groovy Spock and CA DEV test.
* Experience in creating, Maintaining, executing test plan, reviewing the test plans, functional test cases, test data with Web and Mobile Applications
* Experience in MongoDB, Rational Clear Quest, Parasoft, Mainframe database, HP Quality Center, and Radar-Apple Tracking tool.
* Strong Mainframe Skills Strong Business Analytical skills

**Educational Qualification**

* **Master’s degree from Jawaharlal Nehru University-2003**
* BEEN AWARDED FIMC (FEATHER IN MY CAP AWARD) FOR THE PROJECT – Q107 VISTA ROLL IN CAPITALONE PROJECT
* Been Awarded FIMC (Feather in My Cap Award) for the Project – Q307 Vista & XP Roll in TJMAX PROJECT
* Been Awarded ‘Joint CEO Award to the LIC-SOA team’ from Energy-Australia project.

**Technical Skills:**

* **Domain Knowledge:** Embedded Systems (Printer), Banking & Finance, Insurance, Web Service, Security, Retail, Telecom
* **API Testing:** Postman, SOAP UI, Swagger
* **Operating Systems:** Windows 2000/XP/2003 Server edition, Apple Mac OS Safari/ MAC OS, Android OS, iOS, Vista/Window
* **Tools (HP Mercury):** Quick Test Pro QTP & UFT, Selenium-IDE, Load Runner& Performance Center, Quality Center ALM /Test Director& Win Runner, JMETER, Load Runner, BDD, TDD, Selenium-Java ,HP Service Test, Soap UI pro, Test Harness tool (Localization) & D5&DDT, RADAR TRACKING, HP Service Virtualization, Agile -Version One, Jira, Version-One, Mongo DB, ATDD (RUBY CUCUMBER), Java-JVM, Mongo Chef Enterprises, Para soft, TFS, MTM (Test Manager), Postgres, Groovy Spock, CA DEV TEST, Mainframe Testing, ADB, Android SDK, Xcode, Cypress
* **Version Control:** Git, Visual Studio Team Server (VSTS), Subversion (SVN) Operating Systems: Windows, Android, iOS
* **Database:** DB2, Oracle Database, Tera data, Mainframe, MS Access, MS SQL Server
* **Cloud Environments:** AWS, Azure
* **Mobile Testing:** Appium, Web driver, iOS, Android
* **Scripting:** JavaScript, TypeScript
* **Development Environments:** Eclipse, IntelliJ, Microsoft Visual Studio, Visual Studio Code.

**Projects Details:**

**Client: Fidelity Investment,** **North Carolina, USA May 24,2023 - till Date**

**Role: Automation Lead/SDET**

**Responsibilities:**

* Automated Investment internal application using Java and Rest API validation along with report review test scripts validation for code quality, test coverage and extent report verification.
* Work on Investment, Rating, Investment plan for medical and Benefits outsourcing investment plan.
* Technology background from Java, Web technologies, Rest API, API and ability to resolve critical technical project issues.
* Manage the whole program and respective stakeholders and projects and analytical design

Mapping.

* Build and enhance automated framework using cypress and Page object Model concept and monitors Azure performance and availability.
* Refactored testing code and agile development methodologies and Test-Driven Development (TDD).
* Data Validation Using SQL.
* Mentored 12+ new testers and QA associates on company methodologies and procedures increasing employee efficiency by 10%.
* Expertise in grouping of Test suites, Test cases and Test Methods for Regression and Functional Testing using TestNG Annotations like Groups, Parameter, Data Provider and Tags.
* Analyze the CPU Utilization, Memory usage, thread usage, Garbage collection, and DB connection to verify the performance of the Application.

**Projects Details:**

**Client: Milesoft /EbixCash,** **Georgia, Atlanta USA Mar 2021 – April 7,2023**

**Role: Automation Lead/SDET**

**Responsibilities:**

* Facilitated scrum teams’ conversation about features being developed and the test strategy.
* Execute and Automate test script using Selenium for web interfaces and execution and data validation and report validation.
* Worked on version control & development tools like Subversion, GIT, Eclipse, Maven, Jenkins within testing activities.
* Worked on branching strategies in SVN and GIT for automation project.
* Worked independently on automating and executing tests while working collaboratively with all members of the Agile delivery team and final.
* Excellent interpersonal and relationship building skills.
* Jenkin and Bitbucket reports.
* Helped teams with test automation tasks, especially with Cypress.
* Ran Cypress Masterclasses and Ran exploratory testing sessions.
* Created cypress projects in command line and pushed to Bit bucket repository to manage code.
* Thread validation using JMeter for Performance testing.
* Documenting and Create script validation and report generation through Wire mock Docker.
* Monitor and defect triage.
* Verified, updated, and validated customer data information, Room inventory details and existing customer details, card redeem data, account information and authorization of transaction data of Mainframe application.
* Retrieve details from Mainframe application using knowledge of Stored Procedure.
* Performed data-based testing using SQL queries.
* Creating Jenkins build job to build and CICD azure server deployment as part of Dev Ops related work.
* Hosting Application on AWS EC2, EBS.
* AppDynamics monitoring tool to monitors reports and Data in cloud AWS.
* Daily defects Triage and Monitor failure Analysis.
* Ability to take ownership of key projects’ timelines, deliverables, budget, metrics, and sound understanding of financial management, revenue forecasting and profitability management.
* Excellent client management, relationship building and escalation management skills and ability to collaborate and resolve conflicts in a diverse matrix organization and with clients.
* Create Azure Service using ARM template (JSON) and ensured no changes in the present infrastructure while doing incremental deployment.
* Create script validation and report generation through Wire mock Docker.
* Utilizing AWS S3 bucket for keeping configuration info.
* Development and delivery of accurate and efficient test scripts (Smoke, Regression, End to End, Functional, Systems Integration, etc.) across multiple application layers (UI, REST API, WSDL, Database) from business and technical requirements analysis to ensure maximum code coverage and high-quality releases.
* Developed with Node.js tools to automate end-to-end web service using typescripts.
* Delivery of accurate and efficient test scripts (Smoke, Regression, End to End, Functional, Systems Integration, etc.) across multiple application layers (UI, REST API, WSDL, Database) from business and technical requirements analysis to ensure maximum code coverage and high-quality releases.
* Participating in planning and execution of QA/UAT testing.
* Actively participated in the UAT transition, retested UAT defects and updated comments in Jira on client feedback
* Validation using SOAUI UI and Advanced Postman and Data validation for End-to-end application testing.
* Actively participated in the UAT transition, retested UAT defects and updated comments in Jira on client feedback.

**Client: AT&T Global Network Services May 2017 to Feb 2021**

**Role: MOBILE TESTER/iOS-Android**

**Roles and Responsibilities:**

**Portland, Oregon USA**

* Ran SQL queries to fetch data from Oracle.
* Used JMeter to test API performance.
* Expertise in performing test execution on real mobile devices-Samsung Galaxy S9/S20 (Android 10/11), iPhone XS/11 (iOS 12/14), Motorola, OnePlus.
* Excellent in execution of Device Certification Testing, Device Integration Testing with third party apps (like Visual Voicemail/Call Screener), Functional Testing, Regression Testing, System Testing and User Acceptance Testing and Accessibility Testing.
* Tested applications in Agile and Waterfall development process.
* Proficient in using ADB, Unix, Linux commands, Job Scheduler.
* Used Xcode for iOS devices testing.
* Expertise in Mobile Application and Device Testing for native and hybrid applications on Android and iOS devices
* Implemented automation for Android based Point of Sale (POS) application using Appium.
* Customer Issues and executing all test cases for WLAN, Bluetooth, and Bluetooth Wi-Fi coexistence on Mobile phones and on Bluetooth Wi-Fi car kits, embedded printer system.
* Implement code for embedded System and Mobile Application and Device Testing.
* WLAN interoperability testing using the devices -Wi-Fi adaptor, Mobiles Phones, Tablet devices, Laptops, Baby monitors and Wi-Fi cameras.
* Used Appium to facilitate mobile testing by creating mobile Driver class with required Mobile capabilities.
* Made use of Android Studio and Xcode to collect and verify logs.
* Administered QA strategies, techniques, and metrics to optimize testing efficiency.
* Solid experience in Accessibility Testing-Voiceover, Talkback, Text Size, Color Contrast.

**Client: Capital One -360, Wilmington USA May 2015 to May 2017**

**Role SDET**

**Delaware, United States**

**Roles and Responsibilities:**

* Created Web automation framework BDD and Selenium Web driver.
* Created framework for web services automation using Selenium Java, TestNG.
* Involved in automation testing using JUnit.
* Performed Code Reviews, configuration, Restful API validation and regression and End-to-End testing.
* Automated defect logging in JIRA using the build pipeline in case of valid automated test failure.
* Responsible for installation and automation of functional testcases using node.js using typescripts.
* Developed python-based API (RESTful Web Service).
* Perform troubleshooting, fixed, and deployed many python bug fixes of the capital 360 application that were a main source of data both customer and internal customer service team.
* Created python API which will be used among multiple modules.
* Test script for Data and Request/Response validations of the web services, RESTAPI.
* Validate requirements are delivered to assure overall quality, continually perform regression testing as necessary and exploratory testing.
* Enhance automated framework using cypress and Page object Model concept and monitors performance and availability.
* Used POSTMAN for Manual API Testing and REST Assured library for automation.
* Created Release Pipeline and scheduled Regression test cases daily.
* Trained team members on testing tools and best test automation practices.
* Reviewing the Test Reports and Preparing Test Summary Report.
* Mentored freshers and groomed them to increase productivity of the team.
* Created reporting tool to provide automated analysis of failed them based on failure reasons.
* Involved in creation of virtual machine and infrastructure in the cloud environment.
* Web service and building test scenarios and acceptance functional tests using Python.
* Stored the flow details of Selenium Automation in a log file using Log4j Logging Framework.
* Functional Integration tests using JAVA and Python.
* Interacted with Business users for User Acceptance testing and tested the possibility of system failure in UAT.

**Client: US Bank, USA**

**Role Project Engineer Aug 2014 to May 2015**

**Roles and Responsibilities:**

* Requirement gathering and thorough understanding of the application.   
  Developed BDD scripts with Cucumber and implemented step definitions using Gherkin using automation script Pre and Post conditions validation.
* Performed Code Reviews, configuration, and unit testing.
* Provide testing service to the USBank business, operation, and IT application portfolio. Staffing and managing testing teams to perform following activities across the testing lifecycle.
* Perform troubleshooting, fixed, and deployed many Selenium/python bug fixes of the US bank application that were a main source of data both customer and internal customer service team.
* Created framework for web services automation using Selenium Java, TestNG.
* Mentored freshers and groomed them to increase productivity of the team.
* Created reporting tool to provide automated analysis of failed automated tests and categorize them based on various failure reasons.
* Creating Jenkins build job to build and CICD AWS server deployment as part of Dev Ops related work.
* Requirement gathering and thorough understanding of the application.
* Test planning, Implementation and tracking for any deviation.
* Data validation using mango dB and UFT for virtualization testing.
* Used POSTMAN for Manual API Testing and REST Assured library for automation.
* Used Fire Bug, Fire Path to debug, edit and locate the objects based on ID, Name, XPath, CSS Selector, Link, Partial Link, Attributes, and Tags
* Expertise in using Selenium Grid to run test scripts on different platforms and against different browsers in parallel to save time.
* Used Jenkins to execute the test scripts periodically on Selenium Grid for different platforms like desktop, tablet and mobile.
* Performed Cross browser testing and Parallel testing on Chrome, Firefox and Safari using TestNG and Maven on selenium driver.
* AppDynamics monitoring tool to monitors reports and Data in cloud AWS.
* Develop test plan, estimation for future projects and represent the team in project status meeting and communicate issues.

**Client: Apple Online Store Test, Cupertino, CA, USA Dec 2013 to Aug 2014**

**Role: Test Engineer**

**Roles and Responsibilities:**

* Requirement gathering and thorough understanding of the application.
* Test planning, Implementation and tracking for any deviation.
* Retrieve details from Mainframe application using knowledge of Stored Procedure
* Automated UI and web services in Visual Studio using Glider framework.
* Analyzed business requirements, Software requirement specifications to create test plan and test cases for manual and automation testing using Selenium Web Driver.
* Involved in writing test summary reports, defect summary report and final report.
* Performed Database Testing by executing SQL queries in the database to conduct data integrity testing by checking the data tables on the server.
* Used WSDL and SOAP protocol for Web Services implementation.

**Client: Morgan-Stanley, BOSTON USA Jan 2013 to Dec 2013**

**Role: Project lead**

**Roles and Responsibilities:**

* Customize the script as per the test scenario requirement. Maintains the issue tracker for the clarification need.
* Reviewing the Test Reports and Preparing Test Summary Report.
* Analyzed business requirements, Software requirement specifications to create test plan and test cases for manual and automation testing.
* Executes Automated Tests and collates evidence for Test automation progress reporting and tracking.

**Client: TJMAX (Interactive Voice Response)**

**Banga lore-India Feb 2010 to Jan 2013**

**Role: Project Lead**

**Roles and Responsibilities:**

* Understand the Business requirements for an effective Field Facing and Customer Facing IVR solution.
* Involved in writing test summary reports, defect summary report and final report.

**Client: Aviva-Canada**

**Banga lore-India Aug 2007 to Dec 2009**

**Role: Project Lead**

**Roles and Responsibilities:**

* Keep track of the requirements from the project using Test Harness tool and localization language verification with different operating system.

**Client: LIC (Life Insurance of Corporation)**

**Banga lore-India Feb 2005 to Aug 2007**

**Role Project Engineer**

**Roles and Responsibilities:**

* Having hands on test execution experience with SOAPUI and HPST tools on Web services (WSDL)

**Client: HP (Life Insurance of Corporation)**

**Banga lore-India June 2003 to Feb 2005**

**Role Project Engineer**

**Roles and Responsibilities:**

* HP Printer validation
* Verification, Static Timing Analysis, Embedded Systems Development and Testing.
* Different language verification and validation using embedded printer driver for laser and inkjet printer.