**BALA MURALI KRISHNA PAITHARA**

Location: IRVING TX

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Visa: H1B

Validity: Nov 2026

Passport No: Z3537133

Date of Birth: 04/21/1979

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summary:

Around 15+ years of experience and expertise in the IT industry of testing, Analysis, Quality Assurance, Software

Testing, Automated Testing, Automation Frameworks, testing Client/Server, API and Web applications.

A Technical Leader with hands-on Coding and Testing skills to drive Digital Transformation through Agile, experience and expertise in the IT industry of testing, Analysis, Quality Assurance, Software Testing, Automated Testing, Automation Frameworks, testing Client/Server, API and Web applications

# Technical Experience:

* + Test Automation Frameworks design, Tests Addition and Test Execution
  + Selenium WebDriver with Java, BDD Cucumber etc. for UI Applications
  + Designed an automation framework with QTP/UFT and added/executed a good number of test cases.
  + Used diﬀerent build and Conﬁguration tools like Jenkins
  + CI/CD pipeline creation for end-to-end testing.
  + Extensive automation with Cypress, Playwright for Web applications

# Mobile Automation Frameworks design, Tests Addition and Test Execution:

* + Appium with Java and TestNG for iOS
  + Generated simulators programmatically during run time using command line utilities
  + Booted the devices and installing applications using command line utilities
  + Identified objects of app using Appium Inspector for iOS

# Database Testing/Automation

* + Hands on working with Oracle database using both Manual and Automation testing.
  + Validated UI data against database using SQL.

# Automation frameworks

* + POM
  + Rest Assured
  + Hybrid
  + BDD
  + Keyword Driven framework

# As Automation Lead /Architect:

* + Successfully delivered multiple projects.
  + Lead teams responsible for implementing quality and automation frameworks to drive the company’s digital evolution and strategy
  + Provide direction and serve as a quality expert in software quality processes
  + Empower a team of Quality Engineers & Quality Analysts to be autonomous, fast and eﬀective in their work.
  + Worked as Scrum Master and Product Owner for some time.
  + I have been working on Agile Methodology for a long time.
  + Preparing Presentations and Documentations for all Project/Product/Test Automation needs
  + Hands on Experience in performing Functional, Agile, Automated, Integration, Regression testing
  + Handling multiple Projects with multiple environments.
  + Helping the team in achieving their objectives/goals like deﬁning the roles for their next level and helping them to reach their goals.
  + Develop and implement Selenium automation test frameworks and tool evaluation
  + Build automation test team creating a state of fully automated lab to increase the test coverage/cycles and reducing the manual effort
  + Develop coding standards and methodology for automation.
  + Display leadership and management skills working in and managing cross-functional, cross-geographic, and multi-cultural environment.
  + Committed in building champion teams through the exchange of knowledge, experience, goal sharing and mentoring
  + Delegating the work to the team members on a priority basis
  + Designing test strategy, developing test plans and reviewing / approving test cases for automation, test procedure, test reports, and test templates
  + Solution End to End system testing, Integration and compatibility testing
  + Providing scope, resource and time estimates for projects
  + Monitoring testing activities and reporting project progress.

# Work Experience:

* + Working as **Senior SDET** **at PYRAMID TECHNLOGIES INC** from DEC 2023 to TILL DATE in Irving, Texas USA.
  + Worked as **Automation Architect** at **POLLUX CONSULTANCY SERVICES LLC** from FEB 2022 to NOV 2023 in Frisco, Texas USA.
  + Worked as **Principal Automation Consultant** at **ORACLE** from MAY 2019 to FEB 2022 in Hyderabad, India
  + Worked as **SENIOR QA AUTOMATION ENGINEER** at **APTUDE INDIA SOFTWARE PVT LIMITED** from Jan 2018 to May 2019 in Hyderabad, India
  + Worked as **SENIOR QA AUTOMATION ENGINEER** at **APTUDE INC** from Jun 2016 to Dec 2017 in Chicago, ILLINOIS USA
  + Worked as **Principal Software QE / Automation Lead** at **ORACLE** from MAY 2007 to June 2016 in Hyderabad, India

# Technical Skills:

|  |  |
| --- | --- |
| **Testing Tools** | Selenium WebDriver, Cypress, Playwright, RestAssured, SOAP UI, QC/ALM, Postman. |
| **Languages** | JAVA, JavaScript, HTML, XML |
| **Test Frameworks** | TestNG, Data Driven Framework, POM, BDD ytb |
| **Web Debugging Tools** | XPath, Fire path, Firebug |
| **Build Tool** | Ant, Maven |
| **Processes** | Agile-Scrum, Waterfall, Vmodel, Iterative increment model |
| **Bug Tracking Tools** | JIRA, Quality Center (QC), Rally |
| **Continuous Integration Tools** | GitHub, Git, Jenkins |
| **Operating Systems** | Windows (XP, Vista, 7, 8,10) Linux |

# Education:

* **Bachelors in Electronics and Instrumentation** from Jawaharlal Technology University, India 2001

Professional Experience:

**Pyramid Technologies INC**  **Duration: Dec 23 to Till Date**

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**Role: SDET Automation Engineer**

The Walmart Health Patient Scheduling application aims to develop an efficient patient scheduling system for Walmart healthcare facilities. The application will allow users to book appointments, manage patient information, and optimize the scheduling process.

# **Responsibilities:**

* + Developed and maintained custom test frameworks in Cypress, enabling efficient and scalable UI testing solutions.
  + Leveraged Cypress commands and assertions to create complex and maintainable test scripts in JavaScript, optimizing test coverage.
  + Conducted component-level testing with Cypress, validating individual UI components to ensure seamless integration and responsiveness.
  + Utilized async/await in JavaScript to handle asynchronous operations seamlessly, enhancing the reliability of test scripts.
  + Developed custom JavaScript functions and libraries to solve specific testing challenges, improving test script maintainability and reusability
  + Utilized testing libraries Mocha and Jest with cypress for assertions, structuring and organizing test suites effectively.
  + Managed dependencies efficiently using NPM (Node Package Manager) within Node.js-based testing projects, ensuring consistency and reliability.

**Environment**: JavaScript, Cypress, Git Hub, MacOS.

**Pollux Consultancy Service LLC**  **Duration: Feb 22 to Nov 23**



**Client: Apple**

**Role: Automation Architect/LEAD**

Worked in central automation team and involved in automation script development for projects Apple Retail, Apple Care projects.

# **Responsibilities:**

* + Designing/maintaining test automation frameworks with Cypress, Playwright, Appium, Selenium.
  + Designing common test automation framework and standards across the company.
  + Automation of UI and Rest services with end-to-end automation.
  + Working on POCs and giving demonstrations for diﬀerent customers
  + Driving multiple teams Technically and non-technically
  + Developed test automation scripts using Appium for regression of the various releases of the application.
  + Created and executed test scripts to automate functional, regression, and integration tests for mobile applications.
  + Proficiency in identifying elements using Appium Inspector
  + Used brew and npm to setup Appium
  + Involved in writing automation scripts for iOS mobile applications using Java and Appium.
  + Involved in generating simulators programmatically during run time using command line utilities
  + Involved in booting the devices and installing applications using command line utilities
  + Identified objects of app using Appium Inspector for iOS.
  + Used xcrun simctl utilities to control iOS simulators.
  + Worked on upgrading and setting up the Mobile Automation environment as per the latest versions of Mobile OS, Appium, X-code.
  + Experience in RESTFUL web services automation using Rest Assured framework java
  + Worked closely with QA and development teams to identify and report defects and follow up on issue resolutions.
  + Use REST API to establish communication between Client and Server data by sending a request and getting a response from the database while using GET, POST, PUT, DELETE, API request types to send request to API endpoints/method.
  + Writing test scripts to test REST APIs using Rest Assured
  + Involved in entire SDET (Software Development engineer testing), in Developing Test Plans and Test cases for various aspects of the User interface.
  + Perform RESTFUL web service testing using Rest Assured framework with java and validate JSON formatted data
  + Participate in daily scrum, sprint review/demo, grooming, planning, and retrospective meetings as part of the agile process.
  + Develop, maintain and execute high quality automation script to ensure sufficient test coverage for web applications.
  + Spearheaded the implementation of Cypress-based test automation framework for web applications, resulting in a 30% reduction in testing time.
  + Developed and maintained end-to-end automated test suites using Cypress, Playwright for critical features, ensuring the robustness of the application.
  + Proficient in creating and optimizing high-quality test scripts using Playwright, leading to enhanced test coverage and efficiency.
  + Managed automation frameworks, utilizing tools like Playwright to ensure comprehensive test coverage and efficiency.
  + Proficient in Playwright for high-quality test scripts, optimizing coverage and efficiency.
  + Integrated Automation scripts (Selenium WebDriver API) in Jenkins
  + Developed test automation scripts using Selenium WebDriver for regression and performance testing of the various releases of the application.
  + Performed UI testing and front-end testing using Selenium.
  + Used Firebug to do web-based application testing with Selenium for the commands and locator application.
  + Worked on Cross Browser testing through Selenium WebDriver by testing the website on different browsers like Chrome, IE and Firefox.
  + Created and executed automation test cases using Selenium WebDriver
  + Experience in RESTFUL web services automation using Rest Assured framework java
  + Conducted System Testing and User Acceptance Testing for every client and Conducted Backend testing writing extensive SQL queries.
  + Worked on JIRA for ticket management.
  + Designed and developed automation frameworks using Java, Cucumber, Selenium,

**Environment**: Java, JavaScript, Cypress, Playwright, Appium, Selenium, RestAssured, GitHub, MacOS.

[](https://www.atlanticus.com/)

**Client: Atlanticus Holdings Corporation**

**Role: Automation Architect**

Fortiva Retail Credit is a leading provider of second look consumer credit at the point of sale across a variety of products and services.

**Responsibilities:**

* + Identify automation opportunities and develop robust automation frameworks using Appium, Page Object Model, Cucumber, and IntelliJ
  + Create automation scripts for iOS products using native automation (XCUITEST).
  + Develop and maintain comprehensive testing programs covering various aspects, including database impacts, software scenarios, regression, negative testing, and error or bug retests.
  + Implement Behavior-Driven Development (BDD) tests with Cucumber using Gherkin.
  + Integrate the automation framework with Jenkins for streamlined reporting and continuous integration.
  + Collaborate closely with the Mobile Solution Engineering team to understand application specifics, ensuring compatibility with mobile devices and platforms.
  + Adapt to agile and iterative development methodologies to meet project goals efficiently.

**Environment**: Java, Appium, Git Hub, MacOS.



**Client: Oracle Duration: May 19 to Feb 22**

**Role: Principal Automation Consultant/ Lead**

Oracle Fusion HCM cloud Applications are a new generation of cloud-based human capital management applications from the global leader in Hr management software.

# **Responsibilities:**

* + Develop, maintain and execute high quality automation script to ensure sufficient test coverage for web applications.
  + Spearheaded the implementation of Cypress-based test automation framework for web applications, resulting in a 30% reduction in testing time.
  + Developed and maintained end-to-end automated test suites using Cypress for critical features, ensuring the robustness of the application.
  + Integrated Automation scripts (Selenium WebDriver API) in Jenkins
  + Developed test automation scripts using Selenium WebDriver for regression and performance testing of the various releases of the application.
  + Performed UI testing and front-end testing using Selenium.
  + Used Firebug to do web-based application testing with Selenium for the commands and locator application.
  + Worked on Cross Browser testing through Selenium WebDriver by testing the website on different browsers like Chrome, IE and Firefox.
  + Created and executed automation test cases using Selenium WebDriver
  + Experience in RESTFUL web services automation using Rest Assured framework java
  + Conducted System Testing and User Acceptance Testing for every client and Conducted Backend testing writing extensive SQL queries.
  + Worked on JIRA for ticket management.
  + Designed and developed automation frameworks using Java, Cucumber, Selenium,
  + Performed the role to guide the offshore team by gathering the requirements from the client.
  + Used POSTMAN to check the response of various API’s, Swagger UI as a visual documentation for back-end implementation and client-side consumption and handled various exceptions based on the response.
  + Perform RESTFUL web service testing using Rest Assured framework with java and validate JSON formatted data.
  + Reported software defects in Quality Center and interacted with the developers to resolve technical issues.
  + Maintained Metrics and participated in the Weekly Status Updates showing the progress of the testing effort and open issues to be resolved.
  + Experience in RESTFUL web services automation using Rest Assured framework java
  + Driving multiple teams Technically and non-technically
  + Taking inputs from every product team to make sure that their automation needs are satisfied.
  + Training teams on executing the frameworks.
  + Conducting tech talks among the teams.
  + Attending Daily scrum calls with the entire team and updating the daily Status.
  + Analyzing and understanding the Functional Requirement Specifications
  + Involved in walkthrough’s given to team after completion of every sprint.

**Environment**: Cypress, Java Script,Selenium,RestAssured, Postman, Swagger 3.0, Maven

**Aptude Inc Usa & Aptude India** **Duration: June 2016 to May 2019**

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**Client: TravelClick**

**Role: SENIOR QA AUTOMATION ENGINEER**

Insite is Travel Click's integrated solutions to increase revenues, reduce costs, and improve performance of hotels.

It allows Media team to create Media Campaigns, Media Insertions as well as tracks revenues on advertisement spending of its customers

# **Responsibilities:**

* + Defined and documented requirements for the automation process.
  + Integrated Automation scripts (Selenium WebDriver API) in Jenkins
  + Developed test automation scripts using Selenium WebDriver for regression and performance testing of the various releases of the application.
  + Performed UI testing and front-end testing using Selenium.
  + Used Firebug to do web-based application testing with Selenium for the commands and locator application.
  + Worked on Cross Browser testing through Selenium WebDriver by testing the website on different browsers like Chrome, IE and Firefox.
  + Created and executed automation test cases using Selenium WebDriver
  + Experience in RESTFUL web services automation using Rest Assured framework java
  + Conducted System Testing and User Acceptance Testing for every client and Conducted Backend testing writing extensive SQL queries.
  + Worked on JIRA for ticket management.
  + Designed and developed automation frameworks using Java, Cucumber, Selenium,
  + Performed the role to guide the offshore team by gathering the requirements from the client.

**Environment:** Java, Selenium WebDriver, Cucumber, Jenkins, Restful Services, Postman, XPath, Jira, Eclipse, Firebug, Maven, Java Script, Chrome, Windows



**Client: Oracle Duration: May 2007 to June 2016**

**Role: Principal Automation Consultant/ Lead/SDET**

Oracle Fusion CRM/ Oracle Database

Oracle Fusion CRM cloud Applications are a new generation of cloud-based customer relationship management application.

# **Responsibilities:**

* + Performed Cross browser testing and parallel testing on Chrome, Firefox and Edge using TestNG and Maven on Selenium grid.
  + Developed test automation scripts using Selenium WebDriver for regression testing of the various releases of the application.
  + Automated REST API’s using Java and Rest Assured java Library which follows the TDD/BDD model and asserted HTTP codes, response data etc.
  + Conducted backend testing using SQL queries to validate data for database and Used SQL queries for retrieving data from database
  + for executing user specific test cases.
  + Extensively involved with backend testing by writing complex SQL queries.
  + Executed the automated regression test cases during every release and also executed the daily regression test suites.
  + Involved in debugging of the existing automation script.
  + Experience working in Agile/ Scrum methodology for SDLC and working on Test management tools like Jira.
  + Participated in daily Scrum meetings.
  + Worked on Bugzilla for ticket management.
  + Create, manage and expand scalable test automation frameworks with multiple tools which are effectively designed to handle specific application requirements, drive automation efficiencies and code coverage effectiveness, develop reusable libraries.
  + Mentoring & Reviewing the team members as and when required.
  + Participated in Bug Triage with Dev Team
  + Participated in Daily Scrum, Planning sessions.
  + Involved in daily Sync-up meetings with On-shore and Off-shore teams.
  + Involved in walkthrough’s given to Off-shore team after completion of every sprint.

**Environment:** Java, Selenium WebDriver, TestNG, Jenkins, Restful Services, Postman, XPath, Bugzilla, Eclipse, Firebug, Maven, Java Script, IE, Firefox, Chrome, Windows, UNIX.