**Mr. Harshavardhan Penumetcha**  harshapenumetcha37@gmail.com

# Personal Details

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| **Date of Birth** | July 14th, 1988 |
| **Nationality** | Indian |
| **Marital Status** | Single |
| **Languages known** | English, Hindi, Telugu |
| **Present Address** | Plot No: 418c, Raghavendra Colony, Kondapur, Hyderabad, Telangana - 500084 |
| **Passport No.** | P2615308 |
| **Place of Issue** | Hyderabad |
| **Passport Valid up to** | May 25th, 2026 |
| **Visa type** | Valid H1-B visa for USA |
| **Current Employer** | Tech Firefly |

# Educational Qualification

* **Bachelor of Technology** (Information Technology), Vellore Institute of Technology Vellore, India.

# Summary

* Overall, 10.5 years of experience in Software Testing/Automation and Manual QA services in Web, desktop applications & Webservices.
* Experienced professional with strong skills in resource management (allocation, monitoring, motivating).
* Created and maintained test schedules for assigned projects and ensure delivery with prompt issue escalation.
* Extensive knowledge in **creating automation frameworks** and providing automation estimates. Have successfully automated many applications and supported other teams in creating automation frameworks and creating efficient automation scripts.
* Proficient in documentation of deliverables in testing process (Test Plan, Test Scripts, Test Summary, Defects in JIRA, Status Reports, resource onboarding and Best practices in Testing)
* Managed diverse, complex assignments, leading teams and individuals to achieve defined objectives on time, within scope, and with expected deliverables; provided progress reports to managers
* Interfaced and liaised with the global Quality Assurance, Business and Development teams, effectively communicating testing metrics, progress, schedules and issues impacting delivery.
* Helped in establishing project test strategy, methodologies, test plans as well as assist with test execution.
* Well versed in **Agile-Scrum and Kanban process**
* Possesses **good communication & interpersonal skills**, positive attitude and perseverance to undertake challenging jobs.
* Committed, result oriented & hardworking person with the quest and zeal to learn new technologies.
* Ability to use current technology and tools to enhance the effectiveness of deliverables and services.
* Acted as a key point of contact for all QA aspects of releases, providing QA services and coordinating QA resources internally and externally to the assigned projects.
* Received the **Best Managed Project Award** in 2015 for efficiently and effectively managing the Project Team.

**Technical Skills**

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| **Automation Testing Tools** | API Automation, Selenium Web Driver, Appium, Eclipse, Web storm, IntelliJ, CODED UI, UFT, PyCharm |
| **Language/Script** | Java, C#, HTML, VB Script, Python |
| **SOA Technologies** | Parasoft SOA, Postman, SOAP UI |
| **Methodologies** | SDLC, STLC, Agile, Waterfall |
| **Bug Tracking Tools** | JIRA, TFS, ClearQuest |
| **Databases Technologies** | Oracle PL/SQL, TOAD, PL/SQL Developer |
| **Operating Systems** | Windows, UNIX |
| **Microsoft tools** | MS-WORD, MS-EXCEL, MS-POWERPOINT |

# WORK EXPERIENCE

**Client: Google Nov 2020 – Till Date**

**Employer: Tech Firefly QA Automation Lead**

**Project: Google Learning Management System (Hyderabad, India)**

**Description:**

Google Learning Management System is an application for the administration, documentation, tracking, reporting, automation and delivery of educational courses, training programs, or learning and development. It provides online training to develop skills for google workspace tools, to internal googlers and external customers. The application was designed to identify training and learning gaps, utilizing analytical data and reporting. The application also provides assignment and certifications for the users to test their knowledge and achieve certificates on completion.

**Responsibilities/Accomplishments:**

* Leading QA team at offshore with 8 resources, for testing web application and .Net based webservices for next generation Learning management system.
* Understanding the application architecture, analyzing the use cases and preparing test strategies which help the team to validate the applications effectively.
* Creating test plans, test cases and review them with project team, Product Owner and Dev Lead.
* Developing automated tests for Regression and Functional testing using Selenium Web driver and Python Scripting with robot framework through Pycharm IDE and integrating it with Kubernetes.
* Developing automated tests for validating the applications on mobile platform using robot framework and integrating it with sauce labs to run on multiple mobile devices and android versions.
* Creating Production certification plan and validating business and functional scenarios after pre-production and production release, and also involved in User Acceptance Testing.

**Client: Charles Schwab Jan 2019 – Nov 2020**

**Employer: Infosys Ltd Technical Test Lead**

**Project: Enterprise Risk Engine (Austin, Texas, USA)**

**Description:**

Enterprise Risk Engine serves schwab representatives within its network. It provides technology and tools and the expertise, schwab representatives need to make the right decision regarding asset management.

Enterprise Risk Engine team is responsible for implementing a real time fraud risk management platform using ACTIMIZE for risk score calculation to drive a secure, frictionless client experience in asset movement and account servicing while supporting the corporate vision to be the most trusted leader in investment service. ERE team engages as early and as often possible in the product life cycles, and is responsible for the certification or verification processes and deployment risk analysis for functional, regression, integration, performance, infrastructure, end-to-end and automated software testing; and management of offshore resource’ deliverables, quality of work and schedules. ERE team works in agile methodology and follows behavior driven development methodologies to ensure continuous testing of applications.

**Responsibilities/Accomplishments:**

* Leading QA team at offshore with 7 resources, for testing .Net based webservices for next generation Risk management system.
* Understanding the application architecture, analyzing the use cases and preparing test strategies which help the team to validate the applications effectively.
* Creating test plans, test cases and review them with project team, Product Owner and Dev Lead.
* Developing automated tests for Regression and Functional testing using Selenium Web driver with Java Scripting through IntelliJ IDE with cucumber framework and integrating it with Bamboo and Test Harness.
* Creating performance scripts for Web services using Jmeter, to gather the performance metrics for the webservices, which help in improving the performance of the applications.
* Creating Production certification plan and validating business and functional scenarios after pre-production and production release.

**Client: Charles Schwab Jun 2017 – Dec 2019**

**Employer: Infosys Ltd Test Analyst**

**Project: Alerts Project (Austin, Texas, USA)**

**Description:**

The Alerts project delivers a technological solution to help investment advisors manage their firm and client’s portfolios using multiple trading applications, by providing timely alerts and intimations for various events related to trading, portfolio management and retirement services, which provide the required information in the official format for the investment advisors, brokers/dealers to process the event accordingly. It incorporates tight integration between the data from Schwab Advisor Center. Project management is implemented in agile methodology.

**Responsibilities/Accomplishments:**

* Lead a QA teams at offshore with 5 resources for testing java-based application with ASPX.net front end and Web services.
* Developed automated tests for Regression and Functional testing using Selenium Web driver with Java Scripting through IntelliJ IDE with cucumber framework and integrating it with Bamboo and Test Harness. Achieved 95% automation coverage, which helped in reducing the test cycle significantly.
* Created documentation and streamlined the release management process for faster and more frequent releases.
* Created test plans, test strategies for effective Quality assurance.
* Creating Production certification plan and validating business and functional scenarios after pre-production and production release, and also involved in User Acceptance Testing.
* Created documentation to speed up the process of onboarding new employees to the project.

**Client: Charles Schwab Jun 2017 – Dec 2019**

**Employer: Infosys Ltd Test Analyst**

**Project: Infrastructure Management (Austin, Texas, USA)**

**Description:**

The Infrastructure project handles the maintenance of the infrastructure (Windows, Unix, database, MBUS) by managing the deployment of patches to keep the infrastructure updates for supporting applications.

**Responsibilities/Accomplishments:**

* Lead a QA offshore team with 2 resources for validating the patches.
* Streamlined the deployment process to make the deployment of patches easier.
* Created documents and procedures to make the coordination with QA teams easier for validating all the applications after deployment of the patches.

**Client: Charles Schwab Jun 2017 – Dec 2019**

**Employer: Infosys Ltd Test Analyst**

**Project: Simcore Project (Austin, Texas, USA)**

**Description:**

The Simcore project manages the test data requirements for the all the other project teams by creating and maintaining the test data. The project also handles the synchronization of test data between environments and systems (Oracle Database & Mainframes DB2).

**Responsibilities/Accomplishments:**

* Lead a QA offshore team with 2 resources for handling the requests for test data from external teams.
* Organized and managed the requests submitted from external teams.

Created documentation, SLA and streamlined the process in order to process the requests quickly and efficiently.

**Client: Charles Schwab Mar 2017 – May 2017**

**Employer: Infosys Ltd Test Analyst**

**Project: Alerts (Denver, Colorado, USA)**

**Description:**

The Alerts project delivers a technological solution to help investment advisors manage their firm and client’s portfolios using multiple trading applications, by providing timely alerts and intimations for various events related to trading, portfolio management and retirement services, which provide the required information in the official format for the investment advisors, brokers/dealers to process the event accordingly. It incorporates tight integration between the data from Schwab Advisor Center. Project management is implemented in agile methodology.

**Responsibilities/Accomplishments:**

* Lead a QA team at offshore with 5 resources for testing java based application with ASPX.net front end and Web services.
* Developed automated tests for Regression testing and Functional testing using Selenium with cucumber framework and integrated with Jenkins.
* Provided effort estimation, coordinated with the offshore team and prepared test schedules.
* Created complex SQL queries for mining test data for testing the application.
* Reviewed Test results, planning and managing daily activities of the team and interacting with the client to facilitate smooth implementation.

**Client: Charles Schwab Mar 2015 – Feb 2017**

**Employer: Infosys Ltd Test Analyst**

**Project: Retirement Business Solutions (Hyderabad, India)**

**Description:**

The Retirement Business Services project delivers a technological solution to help investment advisors manage their firm and client’s portfolios and provide retirement solutions and packages, including online investing for the senior and vulnerable investors. The project involves various desktop and web-based applications built on Java, HTML and XML. The Project is implemented in agile methodology and lays emphasis on continuous integration and continuous deployment of automated scripts used to execute regression test suite.

**Responsibilities:**

* Worked on Understanding of application architecture, preparing and executing test cases. Analyzed the use cases and proposed test strategies.
* Developed CODED UI automated tests for Regression testing and Functional testing using Visual Studio with Functional Decomposition framework.
* Provided effort estimation, coordinated with the offshore team and prepared test schedules.
* Created complex SQL queries for mining test data for testing the application.
* Reviewed Test results, planning and managing daily activities of the team and interacting with the client to facilitate smooth implementation.

**Client: Charles Schwab Jun 2013 – Feb 2015**

**Employer: Infosys Ltd Test Analyst**

**Project: AST Trading Applications (Equities & Mutual Funds) (Hyderabad, India)**

**Description:**

This project provides an advanced trading platform solution to help investment advisors to place Equities & Mutual trades and also manage their client’s portfolios by placing bulk orders, short sale trades and handle trades settlements using multiple trading applications both desktop and web-based built on Dot Net, Power Builder and Java. The Project follows Kanban methodology for application development.

**Responsibilities:**

* Analysis of requirements, use cases and test plans and submit the status to clients.
* Created User test documentation and Co-ordination of Test Execution (End-to-End).
* Created test cases and test cycles in Quality Center/ALM.
* Developed automated tests for Regression testing and Functional testing using Quick Test Professional with Functional Decomposition framework and integrated the tests to be triggered from the HP Quality center.
* Responsible for working with Business team and development team to discuss regarding the requirements and high priority defects.

**Client: Charles Schwab Jun 2010 – May 2013**

**Employer: Infosys Ltd Test Engineer**

**Project: AST Trading Applications (Fixed Income & ETFs) (Hyderabad, India)**

**Description:**

This project provides an advanced trading platform solution to help investment advisors to place Fixed Income & Exchange-Traded-Fund trades and also manage their client’s portfolios by placing bulk orders, short sale trades and handle trades settlements using multiple trading applications both desktop and web-based built on Dot Net, Power Builder and Java. The Project follows waterfall methodology for application development.

**Responsibilities:**

* Experience to work in STLC phases and submit the deliverables at the end of each phase.
* Developed Test plans based on the Use cases.
* Written complex SQL queries for querying against different databases, Oracle and DB2 for test data mining.
* Developed Requirement Traceability Matrix and worked on Executing and Reviewing test cases.
* Defect management through defect tracking tool Clear Quest and reporting it to the development team and Business team.
* Wrote test cases in Quality Center and did the test execution management on QC. Also migrated test cases written in Excel to QC.
* Created test cases and automated the tests using the tool Infosys Test Automation Accelerator.
* Prepared Daily and Weekly status reports and reporting the same to onsite lead.

Tools: Quality Center, Clear Quest, PL/SQL.