

ABHISEK DASH

Test Automation Engineer

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Profile

To employ me in a progressive organization that provides scope to update my practical knowledge and skills in accordance with the latest trends and be part of a team that dynamically works towards the growth of the organization. Looking for a software test engineer Job where I can utilize extensive experience in the area of software Automation and software development. Having good hands-on experience in manual testing and Automation testing using Selenium Web Drivers and Developing REST APIs using Python, basic Flask framework, and SQL for web-based portals.

Professional Experience

Professional Career Highlights:

- Overall 3+ years of Experience in Software Testing with Unit Test +PyTest + Machine learning Automation + Selenium Web Driver +Python script + Robot Framework.
- Domain/System/ module Worked/Working with Siebel CRM *Telecom BSS/OSS * Global Payment Gateway * Telecom OSS –Inventory Management.

Strong work experience area:

Mongo DB | Database testing | Unix | API Web service | Dataset Automation using Python Script | AWS – Cloud | Selenium | Pytest / unittest / DevOps Tools / pandas | BDD | Cucumber | Robot Framework | UFT

Core Area Involvement:

- Agility | Automation Testing | web server testing | Regression Testing| API Testing | System Integration – Functional
- Process worked With : | Agile | V model | Waterfall

Vertical/System Involvement Area:

Telecom OSS/BSS | Payment

Education

B.Tech, Biju Patnaik University of Technology

2019

Skills

Operating Systems:- Windows 95/98/2000/NT/XP, UNIX, Linux

Languages:- Python SQL, PL/SQL

Testing Tools REST ,PuTTy, Robot Framework

Bug Reporting: HPALM ,MTM

Databases : Oracle 9i/10g/11g, SQL Server 2005/2008

Basics on Flask Frameworks

Webservice tools/Technology REST , JSON , POSTMAN

EXPERIENCE SUMMARY:

3+ years of experience in IT with a focus on Python automation, testing web-based and Client-server applications with effective use of the testing practice. Good experience in Automation and Rest Web Services testing.

- Experience in designing test suites and test cases using UFT, Unit test, and PyTest frameworks.
- Hands-on experience in automating web applications using Python Selenium web driver.
- Expert in creating custom XPATH and CSS locators to identify web elements.
- Knowledge of Developing REST APIs using Python, and basic Flask framework.
- Good at Object-oriented Programming and File processing, Exceptions, and Regular expressions.
- Exposure to Pandas, NumPy, and JSON libraries.
- Regression Testing in Logistic Regression and Linear Regression.
- Knowledge of Machine Learning and Deep Learning.
- Worked in Agile Methodologies.
- Experience in Windows and Linux environments to run test cases.

WORKING ZONE – ORGANIZATION:

- Currently working as a Software Test Automation Engineer.
- **Tech Mahindra** since June 2021 to till date.

Projects

Sequence 1:

Project Name: emAS Wireline Optical Network

Vertical: Telecom OSS – Provisioning & Activation [Inventory Management]

Client: Dish Wireless, USA

Technology & Tool: System Database testing, Rest web service, UNIX, Unit Test + PyTest + Machine learning Automation + Selenium

Overview:

NDCS is associated with different types of systems like ABED. The main aim of the OSS Testing is to integrate the emAS Wireline Optical Network and Its Associated Systems in Optical Networks. It involves testing functionality for the new equipment and requesting the change for the old equipment. emAS stands for Network Design and Configure System. It's a complete solution for managing transmission networks including Planning (new network), Assignment (of new services), and Configuration (of network elements).

Task Handled:

- Analyze FRS documents and interpret requirements.
- Create test conditions based on customer requirements.
- Develop test cases in HP ALM aligned with Business Requirements Specifications.
- Collaborate with Business Analysts and Developers for enhanced test plans.
- Prepare a Traceability matrix mapping customer requirements to test scenarios.
- Conduct test case reviews with clients and perform walkthroughs.
- Execute Sanity, System Integration, and Regression tests.
- Document Testing Progress, Test coverage, and provide status to the Project Manager.

- Propose system enhancement features.
- Assist the Business team in System Integration Testing.
- Generate test cases from use cases and validate customer requirements.
- Review test cases and provide feedback to colleagues.
- Create mapping sheets for SRS and test cases.
- Regularly update higher authorities on project status.
- Participate in daily scrum meetings for project progress reports.
- Register defects using defect management tools like MTM.

Sequence 2:

Project Name: SPDE Digital BSS

Vertical: Telecom BSS, Amdocs CRM

Technology & Tool: System Database testing, Rest web service, UNIX, Unit Test + PyTest + Machine learning Automation + Selenium

Overview:

BSS, Service Enabler, facilitates high-value 5G use cases, including IoT (management and offers), and experience-based charging: 5G Charging: Active development of CHF for online charging (voice, data, SMS, and more), real-time rating, and balance management. 5G Monetization: Support end-to-end 5G-ready monetization environment to launch new services. Policies: Support billing and charging for complex business models; dynamically reshape and redeploy networks.

Task Handled:

- Review Business Requirements, Functional Specifications, and Detailed Design documents.
- Update test plans, and create test cases, and scenarios for assigned functional areas.
- Analyze mapping sheets and verify source and target systems.
- Use complex queries to validate data output against business logic.
- Execute test cases to ensure functionality meets customer requirements.
- Log and regress bugs using HP ALM.
- Maintain 12 servers used by the test team, including setup, configuration, and change management.
- Perform setup and BVT testing with each build.

Declaration

I hereby declare that the above-mentioned information is correct to the best of my knowledge.

Abhisek Dash