

# AMRITANSH DIWAKAR

**Sr. Quality Engineer (QA Automation), Fulcrum Digital**

Oct 2017 - Present

**Bachelor of Engineering, Savitribai Phule Pune University**

2010 - 2014

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## CORPORATE PROFILE SUMMARY

- **Automation and Quality Engineer** with 5y 9m of experience involving Automation as well as Functional Testing of Web Services (APIs), Web and Windows applications.
- **Domain involved** – Payment and Cards, US Health Care and Supply Chain Management.
- Proficient in understanding the **need for automation**, implementing frameworks and developing the scripts accordingly.
- Hands-on experience on **Cucumber with Java** to test Web Applications using **Selenium** as well as Web Service APIs for different communication protocols.
- Good experience on **SOAPUI/READYAPI** in developing efficient SOAP and REST testcases with situational **groovy automation**.
- Strong experience on automating Web applications using **Robot Framework and Python**.
- Experience in working with **Linux** OS & nodes and well versed with **basic terminal commands**.
- Strong with Database and **SQL**, using in day to day activities in test data extraction by writing complex queries.
- Experience of working in **Agile** environment and following sprint activities.
- Good exposure to **Life Cycle Management Tools** like JIRA, Rally and HPALM.
- Past Experience on Business Process Automation using **UFT with VB Scripting**.
- Good understanding of **STLC**.
- Experience of working in **Client Location (Mastercard – London)**, capable of building and maintaining honest yet healthy relations with the Customer and Stakeholders.
- Always eager to learn new technologies and tools.

## SKILLS

**Automation Testing/Frameworks:** Selenium-Cucumber using Java, BDD, TestNG, SOAPUI/READYAPI and groovy, Rest Assured, Robot Framework and Python, HP QTP/UFT and VB, Macros.

**Database:** Oracle and MS SQL, RDBMS.

**Operating Systems:** Windows, Linux.

**Test Management:** Bitbucket, Github, Jenkins, JIRA, Rally, HPALM.

**Card Payment:** ISO8583, ISO20022 message formats.

**US HealthCare:** Facets, QNXT, EDI Transactions, HIPAA Gateway

## CERTIFICATIONS

- Oracle Database: SQL Certified Expert (1Z0-047)
- Facets Business Medical Associate Certification
- QNXT Business Medical Associate Certification

## EDUCATION

**Bachelor of Engineering — Savitribai Phule Pune University**

D.Y. Patil College of Engineering, Akurdi, Pune (2010–14), 57.4%

**Higher Secondary Class (XII) — M.P. Board**

Ram Krishna Memorial H. S. School, Vidisha (2009), 74.6%

**Senior Secondary Class (X) — CBSE**

Kendriya Vidyalaya, Vidisha (2007) — 79.4%

## AWARDS & ACHIEVEMENTS

- Employee of the Year - 2016
- Xtra Miler Award.
- Have scored 99/100 in Mathematics in X class, CBSE

## BEHAVIORAL QUALITIES

- Clear & Assertive Communication
- Strong Analytical & Troubleshooting skills
- Fast Learner
- Self-Motivated
- Integrity and Honesty
- Attention to details
- Problem Solving Attitude

## DETAILED EXPERIENCE

### Fulcrum Digital, Pune/London — Sr. Quality Engineer

OCT 2017 – PRESENT

#### **Project: Mastercard – ZAPP** (May 2018 – Present)

**Location:** Pune and London UK (Client Location)

- Responsible for Understanding, Testing and Automating Web Services API calls for POS terminal/NFC Transactions.
- Worked on Cucumber with Java to automate SOAP and REST API, utilizing REST Assured, XML/JSON parsing techniques and developed framework from scratch in BDD approach.
- Worked on automating Consumer and Distributor Portals using Selenium WebDriver with Java.
- Worked on Ready API / SOAPUI for testing and understanding thorough functional API request and responses, validating mandatory fields and formats.
- Utilized groovy scripting for automation as per the requirements.
- Worked within sprintly timebound, functional and automation activities.
- Experience in handling and automating ISO8583 and ISO20022 transaction message types.
- Periodically Testing of Product for Maximum Availability Architecture.
- Maintained the Cucumber ATF as well as ReadyAPI test suites in Bitbucket.
- Achieved Continuous Integration and Continuous Testing by Setting up periodic script execution as well as automated triggering for every new code build using Jenkins Pipeline.
- Working with Linux Servers to fetch logs and setup automation Code.

#### **Project: Systech One – Unitrace** (Oct 2017 – May 2018)

**Location:** Pune

- Developed Robot Automation Framework for testing Web Application – UniTrace.
- Developed Library Files in Python to create supporting keywords for handling complex coding logics in RF.
- Developed Web APIs in Python using Flask and deployed them in docker container to simulate different communication protocols.
- Developed Python Scripts to fetch RF Schema metadata.
- Developed Functionalities for parsing and Comparing XML Files.
- Integrated the Automation Scripts with Jenkins & GIT and setup periodic jobs in multiple Linux Servers Nodes

### Cognizant Technology Solutions, Pune — Programmer

JUL 2014 - OCT 2017

#### **Project: MMM Healthcare, LLC – QNXT** (Jul 2016 – Oct 2017)

**Location:** Pune

- Developing / Managing automation Scripts in Cucumber BDD framework using Selenium and TestNG for Web Application QNXT Regression Testing.
- Utilized Page Object Model by maintaining classes for different QNXT modules and then creating scenarios using single or multiple module classes.
- Executing the Business automation scripts in PROD Environment, troubleshooting errors, ensuring accurate data load & reporting issues to client, if any.
- Building and Testing Product Configuration (Facets and QNXT)
- Test Case Execution and Reporting in HP-ALM.

**Project: AHC – EAM** (Sep 2015 – July 2016)**Location:** Pune

- Developing / Managing automation Scripts in Robot Framework using Python along with Selenium Libraries for automating Member Enrolment through Enrolment Administration Manager.
- Utilized Page Object Model by maintaining classes for different QNXT modules and then creating scenarios using single or multiple module classes.
- Test Case Execution and Reporting in HP-ALM.

**Project: Cambia Health Solutions – Facets** (Nov 2014 – Sep 2015)**Location:** Pune

- Developing / Managing Scripts in **UFT** for Product Testing as well as Business Process automation
- Utilizing & Enhancing Hybrid Framework to develop and execute the Business Requirement automation scripts in PROD Environment, troubleshooting errors, ensuring accurate data load.
- Building and Testing Product Configuration (Facets and QNXT)
- Developing complex SQL queries for mining of test data, checking storage, accuracy of data.

**Project: Topaz – Facets** (Jul 2014 – Nov 2014)**Location:** Pune

- Requirement Analysis and Test Planning by understanding the Business Requirement, Function and Technical Specification Document.
- Performed System Integration Testing on sprintly deployed code.
- Creating efficient and accurate testcases after cover all positive and negative scenarios.
- Managed various components / module covering Custom EDI, HIPAA Gateway, Custom Facets, Core jobs, Reports and many more covering 837 inbound / outbound and 835 inbound transactions.
- Responsible for ensuring maximum test coverage.

**PERSONAL INFORMATION**

- Date of Birth: 17/03/1991
- Languages Known: English, Hindi
- Native City: Vidisha, M.P.

**INTERESTS**

- Astronomy
- Hiking
- Table Tennis
- Philosophy
- Human Psychology
- Community Works