

# Madhumitha Sahadevan

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## **Professional Summary**

Quality Assurance Analyst in Software testing with proven 3+ years of experience in both automation & manual testing involving Selenium (Java), Robot framework (Python) and Product testing such as BY TMS, BY Demand & Planning and Manhattan WMS.

## **Professional Experience**

### **Cognizant Technology Solutions**

**Chennai, India.**

Associate, March 2018 – Present.

**Domain:** Retail - Supply Chain Management

**Client:** Largest Canadian food retailer, encompassing corporate and franchise supermarkets including pharmacies, Banking, and apparel.

- Hands on experience in automation script development for UI based applications using selenium (Java).
- Hands on experience in automation script development for UI and windows-based applications using robot framework (Python based).
- Hands on experience in Oracle database.
- Hands on experience in product-based applications such as BY TMS and BY Demand & Planning.
- Hands on experience in defect management tools such as JIRA & HP ALM.
- Hands on experience in handling clients in business calls & various vendors in understanding the requirements, triaging the defects, Go-live decision-making calls etc.
- Hands on experiencing in deriving TCs, preparing Test Plan and Test Closure document.
- Hands on experience in process-oriented managing activities such as Metrics data collection, Forecast and Resource loading and Project estimation.
- Hands on experience in analyzing defects and finding the root cause.
- Hands on experience on managing multiple projects simultaneously.
- Experience in providing support and estimation for RFP from QEA perspective.
- Experience in leading project team members across portfolio with average team size of 15.
- Knowledge in SAP ECC and EDI systems.
- Knowledge in Manhattan WMS functionalities.
- Adaptive to learn new technologies.

## **Technical Expertise**

- **Products:** BY TMS, BY Demand & Replenishment, Basic of Manhattan WMS, SAP, and EDI
- **Languages:** Core Java, Python.
- **Automation Frameworks:** Selenium with Core Java, Robot Framework with Python
- **Database:** Oracle
- **Defect Management Tools:** JIRA, HP ALM
- MS Office & other Office Applications

## **Project Experience**

### **Project 1: JDA(BY) Transport Management Systems (TMS) SaaS Migration (Jan 2021 – Present)**

**Role:** - QA Lead

**Responsibilities:** -

- Participated in Test requirement analysis along with Business Analysts and other Project Stakeholders.
- Involved in scrum calls with Business and Product specialist to understand the requirements and create Test cases based on functionalities.
- Lead the Team of 6 members to perform test execution in various modules like Inbound, Outbound and Finance.
- Handled Interface test execution (approx. 40 interfaces validated), as part of SIT involving various applications like SAP, EDI, WMS, Driver APP etc.
- Daily status Reporting of QA Activities throughout the STLC to Business and other project stakeholders
- Chaired Triage calls with various Business Vendors to report, analyze and assist Dev team for quicker resolution of Defects.
- Achieved 50% of automation coverage using Robot Framework.

### **Project 2: JDA(BY) Fresh planning Implementation (LDE & LSF) (March 2020 – Dec 2020)**

**Role:** - QA Lead

**Responsibilities:** -

- Participated in Test requirement analysis along with Business Analysts and other Project Stakeholders.
- Lead the Team of 4 members to perform test execution in various modules like Sales History, Promotions, Demand, Fulfillment etc.
- Involved in scrum calls with Business and Product specialist to understand the requirements and create Test cases based on functionalities.
- Chaired Triage calls with various Business Vendors to report, analyze and assist Dev team for quicker resolution of Defects.
- Prepared knowledge repositories and understanding documents related to project to aid the new joiners.
- Achieved 40% of automation coverage using Robot Framework.

### **Project 3: JDA(BY) Micro Fulfillment Centre (December 2019 – March 2020)**

**Role:** - QA Lead

**Responsibilities:** -

- Participated in Test requirement analysis along with Business Analysts and other Project Stakeholders.
- Worked as a single member project from offshore, involved in scrum calls with business and Product specialist to understand the requirements and create Test cases based on functionalities.
- Involved in Triage calls with Business Vendors to report, analyze and assist Dev team for quicker resolution of Defects.
- Achieved 90% of automation coverage using Robot Framework.

#### **Project 4: JDA(BY) Assortment Planning implementation for H&E (March 2019– Dec 2019)**

**Role: - QA Tester**

**Responsibilities: -**

- Participated in all test phases from Test Planning to Test Closure.
- Creating Test scenarios and Test execution, uploading TCs in HP ALM.
- Involved in Triage calls with Business Vendors to report and analyze Defects.
- Achieved 35% of automation coverage using Selenium.

#### **Project 5: Manhattan – Warehouse Management Upgrade (Feb 2019– March 2019)**

**Role: - QA Tester**

**Responsibilities: -**

- Participated in all test phases from Test Planning to Test Closure.
- Creating Test scenarios and Test execution, uploading TCs in HP ALM.
- Created Orders in SAP and executed the complete E2E flow till shipment closed status.

#### **Project 6: JDA(BY) TMS Enhancements (2018– Feb 2019)**

**Role: - QA Tester**

**Responsibilities: -**

- Project is based on PRBs & OAs which is planned as Off release – Weekly.
- Test cases were provided by business, project was driven by offshore (worked as a single resource).
- Participated Daily status report call to business to provide the QA completion status.
- Attended Weekly SIT review and approval call before Go-Live and provided SIT logs review.

#### **Roles & Responsibilities**

- Experienced in RFPs (Proposal documents) for JDA Demand & Planning and JDA TMS.
- Were part of external QA audits.
- Lead project team members across portfolio with average team size of 15.
- Primary POC for all major process activities such as Metrics, Forecast & Resource loading, Project Estimations etc.
- Member of Automation COE team – Robot Framework.

## **Credits Earned**

- **“BUSINESS ENABLER”** certificate from project Director for handling clients efficiently.
- Received **Cognizant cheers Award - “Shining Star”** for supporting multiple projects simultaneously in 2020.
- **State 1st in “Microbiology”** in Higher secondary examination.
- **University 7th rank** holder with distinction.
- **Subject topper** in Enzyme-Engineering, Statistics, Environmental-Biotechnology and Nano biotechnology at university.
- Won a **1st prize in the National Level Seminar** on Applied Science in Health and Environment on the paper entitled “Antimicrobial Components from Marine Organism”.
- **Published a paper** in “Comparative Analysis of Biochemical Compounds of Leaf, Flower and Fruit of Couroupita guianensis and Synthesis of Silver Nanoparticles” on the journal **Pharmacogn.**

## **Education**

- First class with distinction in B. Tech (Biotechnology/ Mar-2017) from Sathyabama University with an aggregate of **8.58** (CGPA out of 10.00)
- HSC (State Board / Mar 2013) from Subbiah Vidyalayam Girls Hr. Sec. School with an aggregate of **90.75%**
- SSLC (Matriculation/ Mar 2011) from Rosemary Matric Hr. Sec. School with an aggregate of **86.60%**