

# PIYALI PODDER

Associate Manager | Technology Leader | AI Solutions | Automation Strategies | QA Excellence

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## SUMMARY

I am a proactive technology leader and Associate Manager specializing in driving innovation through comprehensive testing strategies. With experience in AI technologies and problem-solving skills, I have successfully implemented solutions that improve product quality. My passion lies in using advanced technologies to optimize processes and enhance product efficiency.

## EXPERIENCE

### Software Engineer

#### Accenture Information Technology

📅 10/2021 - Present 📍 Pune, Maharashtra

Global leader in professional services delivering innovative digital, cloud, and security solutions.

- Built a secure RAG pipeline using in-house OpenAI Langchain stack and Streamlit to auto-generate Gherkin test cases from Squash API data
- Automated processes with AI, boosting productivity by 50%
- Led a team to build a custom BDD framework using Python and Selenium
- Developed API automation framework, reducing API defects by 40%
- Executed performance tests with Locust for stress analysis
- Integrated Prometheus and Grafana for real-time Azure metrics
- Optimized application performance by 30% using Azure Monitor
- Enabled AI driven test reporting using custom prompts and in-house LLMs.
- Authored QA Plans, managed release cycles, and approved change requests as Test Manager.
- Drove Gen-AI POCs and conducted internal AI trainings as Innovation Lead.

### QA Automation Analyst

#### Tata Consultancy Services Pvt.Ltd

📅 05/2016 - 10/2021 📍 Pune, Maharashtra

Multinational IT services and consulting company

- Developed custom automation scripts to increase test coverage and reduce manual effort in regression testing cycles
- Created accurate and efficient test scripts in Selenium (Java) and Cucumber BDD to manage automated testing of frontend products and features using Maven
- Involved in monitoring logs in AWS Cloud watch send via AWS API for different programs
- Implemented Continuous QA Delivery pipeline with Jenkins and GitLab
- Executed manually API requests and responses using POSTMAN tool using different HTTP Methods
- Received Technical Excellence and Customer Delight Awards for outstanding performance

### Programmer Analyst

#### Cognizant Technology Solutions

📅 08/2012 - 05/2016 📍 Pune, Maharashtra

A global leader in business and technology services

- Created test cases and test scenarios for different product development
- Manually tested web applications to diagnose defects
- Executed test cases and raised defects using HP-ALM tool
- Worked closely and did basic tasks of feature creation for Automation tasks using BDD framework
- Performed different kinds of Testing like Smoke, System, Functional, Integration and Regression
- Worked for Payments, Card and Banking domain projects as QA tester
- Worked as team member for writing test scripts to be tested in QA environment

## EDUCATION

B.Tech: Electrical Engineering

#### Future Institute of Engineering & Management

📅 05/2008 - 07/2012 📍 Kolkata

## KEY ACHIEVEMENTS



### Awards and Recognition

Received Technical Excellence and Customer Delight Awards for outstanding performance for delivering work



### Hackathon Achievements

Received Awards and recognition for Innovations in Hackathon Innovations



### Kudos for Deliverables

Received numerous Kudos for deliverables

## COURSES/CERTIFICATIONS

### Microsoft Certified: Azure Fundamentals

### Certified Tester Foundation Level (ISTQB)

### AWS Certified

### IBM Certified Python for Data Science

### Introduction to Programming Using Python by HackerRank

### AI-900 Microsoft Azure AI Fundamentals

### Upgrad\_MachineLearning & AI Course

## SKILLS

**Generative AI & LLMs: Retrieval-Augmented Generation (RAG), OpenAI APIs, Langchain, Vector Stores, LLM Stack, Model Fine-tuning, Domino Data Lab**

**Test Automation: Behave, BDD, TDD, Selenium WebDriver**

**Data Analysis & Visualization: Exploratory Data Analysis (EDA), Pandas, NumPy, Matplotlib, Seaborn**

**Frameworks & Tools: Streamlit, Langchain Text Splitters, Vector store, VS Code, Jupyter Notebooks, PyCharm, IntelliJ IDE**

**Collaboration & Agile: Agile/Scrum Methodologies, JIRA, Confluence, QAP (Quality Assurance Plans), Change Management, POC Design, Cross-functional Leadership**