

# Sunny Kumar

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## SUMMARY

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I am a Test Automation Lead with 12+ years of experience in helping organisations achieve robust software through my Automation and AI skills. In last 2 years I have reduced the testing cycle by 50% and increased test coverage by 15%.

## SKILLS

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**Software and Programming Languages:** Python, Request (Python), Pytest, Selenium, Robot Framework, Playwright, SQL.

**AI Skills:** NLP, ML Algorithm evaluation, Generative AI, Prompt Engineering.

**Tools:** Jupiter Notebook, PyCharm, Postman, HP UFT, Gitlab, BitBucket Jenkins, qTest

## EXPERIENCE

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### TATA CONSULTANCY SERVICES

**BENGALURU, INDIA**

Test Automation Lead

Nov 2022 to current

- Developed a custom BDD Automation framework using Robot Framework with Python and Selenium for Pega applications.
- Achieved End to End UI and API Automation of Client Application with CI/CD Implementation.
- Reduced the testing cycle by 50% by automating Regression Test Cases.
- Orchestrated Client's LLM Model testing.
- Mentored team members in advancing their skills in Python, Robot Framework, and AI testing.
- Collaborated in the hiring process by taking Technical Interviews.

### SMARSH

**BENGALURU, INDIA**

Test Lead

FEB 2022 to July 2022

- Automated multilingual audio-to-text conversions validations using NLP techniques.
- Accelerated Kafka message validation for transcription using Robot Framework.

## **IQVIA**

**BENGALURU, INDIA**

Test Automation Lead

Feb 2020 to Feb 2022

- Automated validation of extracted data and eTMF services using Pytest, Postman, and Selenium.
- Implemented GitLab CI/CD pipelines and deployed NLP models via Docker and Kubernetes.
- Improved test coverage by 25% by including validation of intermediate file content along with API.
- Guided and supported team on Natural Language Processing and Computer Vision.
- Initiated ML Model testing strategies using Model Evaluation techniques.

## **CenturyLink (Lumen)**

**BENGALURU, INDIA**

Senior Test Engineer

Jan 2017 to Feb 2020

- Coordinated defect prediction algorithm to predict the defects beforehand based on rally data.
- Supported Optical Equipment Failure Prediction from Sensor data using Classification Model.
- Refined Automation Framework based on UFT for the test coverage.

## **IBM**

**BENGALURU, INDIA**

Test Analyst

Mar 2012 to Jun 2016

- Implemented ETL job runs and validation along with DB migration.
- Created and maintained automation scripts using IBM internal tools like ADA and OPTIM.

## **EDUCATION**

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### **PG DIPLOMA IN DATA SCIENCE**

IMS Pro School  
A Grade

**BENGALURU, INDIA**

Oct 2017 to Oct 2018

### **B.E (Electronics and Communication)**

Annamalai University  
7.6 CGPA

**CHIDAMBARAM, INDIA**

Jun 2007 to July 2011

## **CERTIFICATIONS**

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- Gen AI Azure Certification (Microsoft, 2025)
- ISTQB Foundation
- AiU Certified Tester in Artificial Intelligence. (Brightest, 2019)

## **ADDITIONAL INFORMATION**

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- Created and Published Portfolio website using Gen AI and GitHub. [sunny\\_portfolio](#)
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