Sunny Kumar

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SUMMARY

Automation Lead with 12+ years of Testing experience including UI , API , Database and Machine learning model testing in Agile Environment. Automated testcases using python, selenium, Robot Framework and Pytest. Possess good knowledge of ML algorithms and GenAI. Keen on learning new technologies and implementing it.

HIGHLIGHTS

- **Test Automation Lead** in Nordea Bank project for TCS.
- Reduced the regression test cycle by 50% by Automating the process using **Robot Framework** and **Python**.
- Creation of **Pytest** framework along with **Selenium WebDriver** and **python** for **API, UI** and **ML Model evaluation** automation.
- Experience in **SQL** queries for database handling.
- Worked on creation of **CI/CD pipelines** for integration testing.
- Experience in various test execution levels like Smoke Testing, Integration Testing, Regression Testing etc.

PROJECTS

Test Automation Lead, 11/2022 - Current
TATA CONSULTANCY SERVICES

- Developed a custom automation framework using Robot Framework, Selenium and Python for Pega applications.
- Automated UI and API testing, integrated with BitBucket, Jenkins, qTest, and Pega Deployment Manager.

Test Lead, 02/2022 - 07/2022
Smarsh

- Validated multilingual audio-to-text conversions and Kafka microservices using Pytest, Robot Framework and NLP.

Senior Test Engineer, 02/2020 - 02/2022
IQVIA - Bangalore

- Automated validation of extracted data and eTMF services using Pytest, ML Model Evaluation Techniques.
- Implemented GitLab CI/CD pipelines and deployed NLP models via Docker and Kubernetes. Used Locust for Performance Test.

Senior Test Engineer, 01/2017 - 02/2020
CenturyLink (Lumen)

- Built NLP and ML models to map user stories and predict defect-prone modules for regression testing.
- Developed UFT automation scripts for telecom apps and managed test cycles using Rally tool.

Test Analyst, 03/2012 - 06/2016
IBM

- Executed ETL, regression, and automation testing using QTP, ATA, IBM OPTIM, and SQL Developer across telecom and insurance domains.

SKILLS

- **Software and Programming Languages:** Python (Scikit-learn, NumPy, pandas, gensim, Matplotlib, PyMuPDF, Request, NLTK), Pytest, Selenium, SQL, Robot Framework, Kafka(basic).
- **AI Skills:** Natural Language Processing, Generative AI
- **Tools:** Jupiter Notebook, PyCharm, Postman, UFT, Gitlab, Playwright, Locust, BitBucket Jenkins, CI/CD , qTest

TRAINING AND CERTIFICATIONS

- ISTQB Certification.
- Gen AI Azure Certification.
- AiU Certified Tester in Artificial Intelligence.
- Participated in Workshop for Neural Networking Model using JULIA.

EDUCATION

PG Diploma : Data Science, 01/2018
IMS ProSchool - Maharashtra

B.E : Electronics & Communication, 01/2011
Annamalai University - Annamalai
GPA: 76.30%

WEBSITES, PORTFOLIOS AND PROFILES

- https://www.linkedin.com/in/sunny-kumar-a2063b38
- https://github.com/Sunny250389

LANGUAGES

English: C1
Advanced

Hindi: C1
Advanced