Ashwin Parthasarathy – Developer/Automation Tester, Machine learning enthusiast

Programmer Analyst, Cognizant Technology Solutions, Coimbatore.

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Objectives

IT professional with 3 years 6 months of experience in Automation testing and CI/CD and Machine learning enthusiast. Possess first-hand experience in automating and enhancing applications. Aiming to emerge as a Developer to build and manage associated projects.

Skills

Programming	**:**	Python, R, JavaScript, HTML5, CSS.
Framework	**:**	Flask, Django, Scikit-Learn.
Libraries used	**:**	NumPy, Pandas, Matplotlib, Robot framework Libraries
Cloud	**:**	Basics of AWS (EC2, S3), AWS Beanstalk
CI/CD	**:**	Jenkins, Bamboo, Docker, JIRA,
Database	**:**	SQLlite3, MongoDB, SQL Alchemy, MSSQL
Version Control	**:**	Git, Bitbucket
OS	**:**	Windows, Linux

Experience

Cognizant Technology Solutions

Programmer Analyst – Automation Tester   **Duration: Jun'19 - Present**

- Develop and maintain automation scripts based on test cases identified for automation
- Execute test cases within the Functional, Mobile, or Web Services Automation framework
- Execute and analyse automated regression suites to ensure quality deliveries
- Develop, execute and enhance test automation through Robot framework, Selenium and HP UFT,
- Operate in an Agile development environment
- Contribute to internal test automation frameworks
- Be an integral part of scrum team, driving Behaviour Driven Development (BDD),
- POC's in Robot framework for Web, Desktop, Mainframe apps and integrating with CI/CD pipeline.
- POC's in Robot framework for Desktop apps using Sikuli Library
- POC's in Robot framework for database testing in MySQL, Sqlite, MongoDB using respective DB libraries.
- POC's in Automating desktop application using Sikuli Library with Java
- POC's in Contract testing and AWS services- S3 and DynamoDB using boto3
- Integrating the test framework with CI/CD Pipeline.
- Create/Update Knowledge Repository based on project/customer needs inclusive of business/ application levels requirements details in WIKI

Programmer Analyst – Development Support   **Duration: Aug'17 - Jun'19**

- Provide L1 support for various Java applications.
- Perform migration activities like version upgrade, decommissions.
- Data analysis of Incidents and taking necessary action.
- Used vCenter Server to monitor virtual machine resource usage.
- Follow and track ITIL lifecycle while resolving issues.
- Handle Customer issues and interact directly with customer to solve issues.

- Finding the Impact Analysis while implementing new functionality.
- Provide E2E support on enhancement and related activities.
- Work on different customer SLA metrics to be on par with CS scores.

Self-Learning Projects

Dev Projects
- Flask Food tracking webapp:
  - Created API in Django using MongoDB database
  - Created API in Django using MongoDB database and used Geospatial library in mongo dB to get the number of persons in given radius.
- ChatBot using python
  - Developed chatbot for new inducted associates to learn about the assigned project.

Data Science Projects
- Hands On- with a real time data sets and writing scripts for the to analyse large data sets-SF Salaries Dataset from Kaggle.
- Hands On -EDA with various datasets from Kaggle
- Hands On-in Clustering ML Model development using http://cs.joensuu.fi/sipu/datasets/Aggregation.txt dataset
- Hands On-in Linear Regression ML Model development with various datasets
- Hands On- in Logistic Regression ML Model development with various datasets
- Hands On- in Label Encoding with various datasets
- Hands On-Application of PCA and KNN on iris dataset using pipeline

Certifications
- Certified AI professional from NIELIT (Calicut)
- Python programming for beginners.
- Programming in R for data sciences
- Certified in ITIL Foundation in Service Foundation.
- AWS Certified Cloud Practitioner 2020
- Web-Development with Python-Django

Education

Education	Institute	Course	Passed out
BE	Veltech Engineering College, Chennai	Mechanical Engineering	2016