Muhammed **Ajmal P V**

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Summary

Motivated IT Engineer with more than 1.5 years of experience in Retail domain. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Work Experience

Tata Consulatancy Services
Kochi, India

ASSISTANT SYSTEMS ENGINEER
Mar. 2021 - Present

- **QA Engineer** at US based retail project. Reviewing quality specifications and technical design documents to provide timely and meaningful feedback. Creating detailed, comprehensive and well-structured test plans and test cases. Estimating, prioritizing, planning and coordinating quality testing activities
- **Performance testing**: Performance testing of client applications using Apache JMeter tool. Offered scripts prepared to entire team members which can save manual efforts.
- Voluntarily developed python scripts for automating manual efforts. **Python driven tool to save manual QA testing efforts-** Preparing well structured document is a time consuming task in the life of a QA Engineer. Developed a python tool which can walk user through test steps, attach the screenshot from the clipboard, add required texts, and create test execution documents in word format. This can help user to create documents in a standard template, save time and focus on more quality tasks. A uniform and more detailed documents helped business team to review and PO approve the test cases easily. **Automatic daily status mail, Test Summary Report generator** – From a project tracker excel sheet, script will prepare a word document with required information for status mail, create test summary report with all relavant updates.
- **Developed python scripts for ETL testing.** Script will collect the data from source and transform the data applying business rule. Data transformed is again compared with Target data row to row. This enabled to perform end to end testing of ETL workflows thereby assuring the Quality.
- Created a template, with visualizations, that can clearly communicate current testing progress and defect metrics to customers. Template was useful at the time of closure of the project and received customer appreciation for the same
- Received verbal appreciation from the client project manager for having effectively demonstrated the functionality of web-based retail applications from a business perspective.
- Anticipated potential flaws, absent from the client requirements, and offered suggestions that were implemented, preventing likely serious consequences.
- Maintained monthly/weekly project reports and defect metrics.

Extramarks Education
Kochi, India

BUSINESS DEVELOPMENT EXECUTIVE
Nov. 2020 - Feb. 2021

- Contacting potential customers (parents and students), set up meetings, counsels the student on learning pedagogues.

Skills

- Programming Languages - Python, C++
- Performance and API testing tools- Apache JMeter, Postman
- Machine Learning- Understanding on basic Machine learning techniques, hands on experience in Exploratory Data Analysis using Pandas, Scikit learn. Basics of Natural Language processing using NLTK library, visualization using matplotlib etc.
- Working experience in Microsoft word, Microsoft Excel, Microsoft PowerPoint, SAP ERP, HP ALM, Azure Board, and Teradata SQL. Theoretical knowledge on Blockchain Technologies.

Career Aspirations

MACHINE LEARNING AND DATA SCIENCE ENTHUSIAST

- Attending self paced curriculum "Wings Core Tech_T3_Machine First and Intelligent Business Processes" from TCS. This course covers concepts on MFDM and Machine Learning using Python along with Visualization & Classification Techniques.
- Hands-on understandings on Basics of Statistics and Probability , Structured Data Classification, Data Visualisation with Matplotlib, Intuitive Visualization Basics, Python Pandas, NumPy - Python Package for Data etc.
- Developed basic ML models for Spam Mail Prediction, Logistic Regression for Malignancy Prediction in Cancer (Breast Cancer), Stock Price prediction, Weather recommendation system etc. with the help of open source resources.

Education

TKM College of Engineering, Kollam

Kerala, India

B-Tech in Mechananical Engineering with Honours

Aug. 2016 - Oct. 2020

- CGPA - 8.42/10
- Awarded Honours degree from APJ Abdul Kalam University for earning additional credits (Subjects covered: Project Management, Total Quality Management, Green Buildings, Nuclear Engineering)
- **Acedemic projects:**
  Waste heat driven Adsorption desalination system, Designed a waste heat driven Adsorption desalination system. Includes mathematical modeling of system using MATLAB (2016) and 3D modeling using CATIA v5 and animation using Autodesk Fusion 360 software.
  Automatic Window Closing System (Mini project), Developed an automatic window closing arrangement and simulated using Solidworks Software.
- **Internships:**
  Cochin Shipyard Ltd, Kerala, India (2017)
  Bosch Rexroth-CET centre of Excellence in Automation, Kerala, India (2018)

Achievements

2022	**Star of the Month Award,** For dedication, ownership, innovation, learning and multitasking to accomodate and accomplish multiple Customer deliverables.	*Tata Consultancy Services*
2022	**On the Spot Award,** For learning Customer Business, QE process and leading multiple project assignments with Customer appreciations earned on the good work done	*Tata Consultancy Services*
2020	**Autodesk Certified Credential in CAD and Digital Manufacturing,** For acquiring CAD and Digital Manufacturing Specialization	*Coursera*
2020	**First prize in CNC Turning competition,** Tier 2 events (State level)	*SAE India*

Certifications & Learning

Sep 2022	**Machine Learning in Python,**	*Perfect eLearning*
Mar 2022	**Learn JMeter - Perfomance testing & API,**	*Udemy*
Feb 2022	**Wings Core Tech T3 Machine First And Intelligent Business certification,**	*TCS*
Jan 2022	**The Art of Articulation,**	*TCS*
Dec 2022	**Commence : Business English Certification,**	*TCS*
Nov 2021	**INS - Certificate in Blockchain Invogue,**	*TCS*

Reference

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TKM College of Engineering, Kollam

Professor

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