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Sai Venkata Srivathsa

Trainee Decision Scientist

SUMMARY

Overall, more than 2 years of experience as a Jr. Software Engineer in creating a IBM Mainframe modules in Insurance domain and as a Trainee in Designing of Electronic field.

Experienced in working on data cleaning, fine-tuning model performance evaluation and model monitoring.

Have insight on python models for creating chatbot using python, power bi and sql

Participate with peers and represent the complex problems on project teams.

Effective communication skills with the ability to communicate complex ideas

Strong analytical skills, ability to identify problems, research issues, and provide solutions.

Skilled in coordinating with multiple stakeholders in achieving the desired organizational objectives

TECHNICAL SKILLS

Programming language

Python

Database

SQL

Data Visualization Tools

Power-Bi

NLU Platform

Google DialogFlow

Web-Framework

Python-Flask

INTERNSHIPS

Intern

Mar '16 - Jun '15

ECIL

Worked for 1 month

I worked on an industrial project of Ramanmandi-Bahadurgarh pipelines (RBPL) for Hindustan Petroleum

PROFESSIONAL EXPERIENCE

Trainee Decision Scientist-2

Jan '23 - Present

Mu-Sigma Inc.

Bangalore , Ind

Working as a Trainee Decision Scientist-2 for Mars Inc. I've been working on a supply chain management system inventory. I leverage PySpark, Azure Data Bricks, Azure Data Lake, and Microsoft Data Factory.

- Working in the **data engine (mesh)** team
 - Here, I'm working on the 2 layer (**functional** and **exploitation**) of operations
 - Here we preprocess the data by **30-40%** to decrease functional reliance and increase data comprehension
 - In order to interpret the data, I additionally composed **exploration documents** for the **KPIs**
 - I am familiar in **Azure data bricks, Azure data lake, and Azure data factory**, as well as **DevOps** and **CI/CD** pipelines
- I worked on **image recognition**
 - It is feasible to identify **mars goods** and what type of product they are on **merchant shelves** using the **Yolo V3** model and It has an overall accuracy over **95%**

Freelancer

Sep '22 - Jan '23

I.A.E Bot platform

Paris, France

Perform building of the chatbot using Python programming. In this mainly we used Google Dialogflow as a UI, Oracle Essbase Database to store and fetch the data and to visualise I've used Power-BI

- Built a Chatbot with 95% of accuracy and user Friendly environment with multiple testing phases
- Designed a Custom **Power-Bi Visualizations** available to the customers based on the MDX Script
- Developed a **weather report** chip in the chatbot and made it available to every customer
- I developed a chatbot POC using **python flask** and **google dialogflow**

- I will provide assistance in a variety of languages, including **English, Arabic, and Japanese**
- It processes data and save it in the **database** based on the user input
- subsequent to acquiring almost all the information, it will ask for user confirmation
- Based on the user's acknowledgment, it records the data in the database and sends an auto-triggered email to the the customer

Jr. Software Engineer

Sep '21 - Sep '22

Cognizant Technology Solutions

Bangalore

Perform development projects and enhancements on Financial Regulatory reporting systems (FIREG).Execute on the development projects and enhancements of Fire Loss Corporate (LF) CM Bureau Loss (BL)/ CM Bureau Premium (BP) and COBRA (LO) systems. Learn and pick up work in our AM and OCAS BI Finance systems.

- Ability to design technical specifications based on business requirements, and develop reliable programs for Mainframe applications
- Understanding Functional docs & technical docs and prepare understandable documents
- Analyzing the programs and modifying an existing programs
- Coding & unit testing
- Prepare Unit test Plan (UTP) Unit testing results (UTR)
- Resolving the raised defects in timely manner and providing the required information regarding the changes to the application modules for a release
- Reviewing peer work and documenting the same
- Actively participating in the knowledge sharing sessions conducted within the team and the project

Trainee

Oct '19 - Dec '20

Flipchip Electronics Pvt. Ltd

Bangalore

I worked as a Trainee in FlipChip Electronics .Pvt .Ltd., (An Electronic Division of YASH Technologies)

- Identified and debugged many electronic circuits
- Worked in the **Quality Control Department** to ensure the quality standards
 - To maintain the quality of the manufacturing at 98% accuracy by ensuring that each component was accurately put on the circuit board
- Tested and Debugged many complex electronic circuit boards

EDUCATION

Master of Science in Machine Learning and AI

Dec '22 - Present

Liverpool John Moores University

United Kingdom

B.Tech (Electronics and Communication Engineering)

Aug '16 - Jun '19

AVN Institute of Engineering and Technology

Hyderabad

Intermediate (MPC)

Jun '13 - Mar '15

Sri Chaitanya jr College

Hyderabad

10th Standard (SSC)

Jul '11 - Mar '12

Bhashyam public School

Hyderabad

CERTIFICATIONS/TRAINING

IETE certification earned from AVN Institute of Engineering and Technology

Python for Data Science-IBM – [dad361320f7841f185cf131c7beff636](#)