

AJAHARUDDIN

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SUMMARY

Experienced and passionate Python developer with analytical and problem-solving skills, ability to work well within a team and as an individual, and great enthusiasm for the field of Data Science and Machine learning.

SKILLS

Programming Languages: Python

Libraries/Frameworks: Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Django (Basic), TensorFlow, Matplotlib

IDE: Visual Studio Code, PyCharm, Jupyter Notebook, Spyder

Query Language: SQL

Dashboard tool: Power BI

Databases: MySQL, MongoDB

Machine Learning Algorithms: Supervised (Regression, Classification) and Unsupervised Machine Learning (Clustering)
Natural Language Processing (NLTK), Optimization algorithms in machine learning

PROFESSIONAL EXPERIENCE

♦ Assistant System Engineer (May 2021 – Present)

Tata Consultancy Services Limited, Noida

- Development of IQ bots in Automation Anywhere to extract required form and table fields in CPA and SCPA type documents.
- Post processing Python script development of extracted field values to remove unwanted data and get data in the format asked by the business.
- Task bot development for IQ bot extraction, validation of field values, and report generation.
- Extensively worked on the debugging process for fixing bugs and Production support.
- Maintaining Extracted results and getting insights from the data.

♦ Graduate apprentice (September 2019 – December 2020)

Bosch Limited, Jaipur, Rajasthan

- Received a well-done card from the Head of the department for a project on BEML type NHB, which results in savings of 800k INR per annum and eliminates hazardous waste.
- Cost savings of 600k INR per annum by introducing and designing a dowel pin removal tool.

- Worked with speed and accuracy to consistently meet production standards by daily monitoring the Department's Shop Floor Management Cycle (SMC) and Team Oriented Production (TOP) board.

♦ **Summer Trainee (June 2018 – July 2018)**

Eicher Engines, Alwar, Rajasthan

- Project: Valtra testing straight pass improvements

PROJECTS

♦ **Consignment Price prediction**

Goal: Predict the consignment pricing based on the available factors in the dataset.

Technology: Python, MySQL, Machine Learning Algorithms

CI/CD Pipeline: GitHub, Docker, Heroku

Libraries: Scikit-learn, Pandas, Numpy, Matplotlib, Flask

IDE: Visual Studio Code

EDUCATION

♦ **Bachelor of Technology: Mechanical Engineering (August 2015 – August 2019)**

Zakir Husain College of Engineering and Technology, Aligarh Muslim University, Aligarh

- Final year project: Experimental study of ignition delay and smoke emission characteristics of diesel and blended sprays
- Received NCC 'C' certificate with 'A' grade.