Mohammed Asif

Data Engineer

Experienced Engineer working in Big Data tech stack and Python development. A lifelong learner, aspiring for more challenging role.

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EDUCATION

M.Tech
University of Hyderabad
07/2018 - 08/2020

B.E.
Sant Longowal Institute of Engineering and Technology
07/2014 - 07/2018

WORK EXPERIENCE(~2 YEARS)

Data Engineer
Nike(Client Company)
04/2021 - Present

Achievements/Tasks

- **AWB Project** - Worked upon monitoring overall data pipeline, testing, developing new features and on call support for audience creation process in AWB. Received **Spot award** for spontaneous and exceptional performance in this project.
- **Meerkat Project** - Worked upon task level monitoring of Airflow DAGs using Airflow metadata, AWS Lambda and SQL queries . This helped to get alerts on Slack channel in case of SLA miss.

Software Engineer
Tek Systems(Parent Company)
02/2021 - Present

Achievements/Tasks

- Helped in writing backend APIs using Python and Flask framework for the **CMT** project.

Software Engineer
My Next Film
09/2020 - 02/2021

Achievements/Tasks

- Developed and hosted MNF website from scratch using HTML/CSS, Python, Django, MongoDB, Apache Tomcat, AWS EC2 etc.
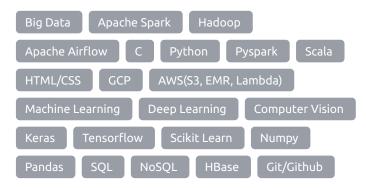
Teaching Assistant
University of Hyderabad
08/2019 - 07/2020

Achievements/Tasks

- Helped Integrated MSc students to learn Python language and assisted my guide in various other academics related things.

SKILLS

Big Data · Apache Spark · Hadoop · Apache Airflow · C · Python · Pyspark · Scala · HTML/CSS · GCP · AWS(S3, EMR, Lambda) · Machine Learning · Deep Learning · Computer Vision · Keras · Tensorflow · Scikit Learn · Numpy · Pandas · SQL · NoSQL · HBase · Git/Github

PERSONAL PROJECTS

Application of Deep Learning in Image Processing (08/2019 - 07/2020)

- Implemented various noise removal method by using traditional filters of OpenCV library and Autoencoders and compared the result.
- Performed image classification on Fashion MNIST dataset and also on Plant Village dataset to identify type of disease in tomato plant using CNN(Deployed on Heroku and AWS EBS cloud).

Checking DND status of mobile number using API (2020)

- It was a web development project. In this project, learnt how to use Google APIs to upload files using Google Drive, how to call an API for some task and reading the desired response.

Scholarship Fraud Detection System (2019)

- Project for detecting fraud in scholarship process by using Adhar number and other details. Project uses HTML/CSS for frontend and Django for backend.

CERTIFICATES

Google Cloud Certified Associate Cloud Engineer (01/2022 - 01/2024)

Full Stack Developer (2021)
Issued by Simplilearn for completing all the courses of my training in Tek Systems.

LANGUAGES

English
Professional Working Proficiency

Urdu
Native or Bilingual Proficiency

Hindi
Full Professional Proficiency