Syed Mohammad Haider Rizvi

Associate Software Engineer, DXC Technology

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EDUCATION

Amity University Uttar Pradesh   *Lucknow, India*

Bachelor of Technology in Mechanical Engineering   *June 2021*

▪ GPA: 8.1/10 (3.24/4.0)

▪ Key Subjects: Operational Research, Methods of Applied Mathematics, Numerical & Statistical Methods, Computer Programming, Industrial Engineering & Management, Finite Element Analysis.

WORK EXPERIENCE

DXC Technology Pvt Ltd.   *Bangalore, India*

Associate Software Engineer (User Access Management)   *April 2021-Present*

▪ Works closely with the platinum client to manage its access on the on prem servers and cloud.

▪ Assists client in Data Migration and access management.

▪ Gained good understanding of Servers, File Share permissions and Server operations.

▪ Developed several Automation for the Client using shell bash for repetitive operations like retrieving groups information, groups member's information.

TECHNICAL SKILLS

Programming Languages: Python, R, SQL, Excel, Java, HTML, CSS, Bash, Javascript.

Software & Tools: Tableau, Google Analytics, Google Collab, MS Office, Django, Tkinter, Git.

COURSES & CERTIFICATIONS

Machine Learning with Python (Coursera)

AZ 900 – Microsoft Azure Fundamentals

Machine Learning applied to Manufacturing Processing (Udemy)

Java Programming (Udemy)

Introduction to Databases and SQL Querying (Udemy)

Designing of Electric Cars

ACHIEVEMENTS

Received the 'Champ Award' and 'FY22 H1 Collaborators Award' from DXC technology for receiving various appreciations from the platinum client throughout.

Published a Research paper with one of the most prominent professor (Ex-Chief Mechanical Engineer, Indian Railways) on 'Hybrid Cars – A Review'.

Won First prize at ICASAS-2019, for 'The Mothership: Project Mars Rover'.

PROJECTS

Project-Based Learning (*[GitHub](#)*)   *Apr 2020 – Present*

- **Exploratory Data Analysis:** Using the Netflix Dataset and Google Collab, EDA was done to assess what useful information can dataset provide us. This involved thorough Data Analysis and Data Cleaning. Lots of important information and facts were discovered in this Analysis.
- **Amazon Web Scrapper**: Using Python and its module Beautiful Soup, Amazon Shopping page is scrapped for the data and it uses the data to track any article price and notifies through email when the price is equal or less than the set price.
- **Electronic Shopping Data Analysis**: Scraping the Data and converting it to CSV file using python, then cleaning the data. Using matplotlib and plotly, answering the possible questions a client can ask. For Ex –What is the best time to display advertisement in a day, Which articles were most bought as pairs, On what time of day, sale was highest and lowest and why. Etc
- **Machine Learning Project:** IBM Capstone Project done as a part of the Course: IBM Data Scientist (Machine learning with Python). Used KNN , SVM, Logistic Regression, Decision Tree to build the model and test it .

Academic Projects   *Jun 2015- May 2017*

Fabrication of Affordable Ventilator: The Project aim was to develop an affordable ventilator using commonly sourced material, decreasing its complexity, cost and increasing its availability.

Hybrid Cars and their relevancy in present India: This project aimed to give proper introduction of Hybrid cars to the viewer along with the giving information about the parts and component of the Hybrid cars. This project also explained the relevancy of Hybrid cars in India in comparison to electric cars.

LEADERSHIP EXPERIENCE & COMMUNITY SERVICE

- Co-organized the "Sangathan 2018-19", the biggest Annual event of Amity University.
- Taught the primary school kids for a month on behalf of Sarthak Foundation and provided them with school supplies.

Personal Traits

Analytical Skills

Communication Skills

Creative Skills

Risk Assessment

Teamwork & Collaboration

Attention to detail

Time Management

Leadership Skills