

MD MAZUL HAQUE

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LinkedIn

WORK EXPERIENCE

TCS - System Engineer

Aug 2024 – Present, Kolkata

- Developed PowerShell scripts to automate server tasks, reducing manual effort by 30% and improving operational efficiency.
- Work in Windows OS migration projects using PowerShell scripting, ensuring seamless transitions for over 100 servers.
- Collaborated with cross-functional teams to troubleshoot and resolve system issues, reducing downtime.

Vitwo Business Solution - Data Analyst

May 2024 – Aug 2024, Kolkata

- Conducted data analysis using Pandas and Matplotlib, improving decision-making accuracy by 25%.
- Implemented machine learning algorithms, reducing operational costs by 40% through predictive analytics.
- Developed front-end features using React, enhancing user experience and interface responsiveness.
- Automated data cleaning and preprocessing pipelines, reducing data preparation time by 30%.

PROJECTS

Movies Recommender

- Developed a Streamlit app that recommends movies based on user preferences using collaborative filtering and content-based filtering.
- Integrated a user-friendly interface with real-time recommendations.
- Deployed the app on Google Drive, ensuring accessibility and scalability for users.
- **Technologies:** Python, Streamlit, pandas, scikit-learn.
- **Outcome:** Successfully deployed, allowing users to receive movie recommendations in real-time.
- **Link:** Movies Recommender - Google Drive

WhatsApp Chat Analysis

- Developed a Streamlit application to analyze WhatsApp chats, providing insights into chat frequency, word usage, and user activity.
- Implemented data visualization tools to display trends and patterns in chat data, improving data interpretability.
- Automated the extraction and preprocessing of chat data, reducing manual effort.
- **Technologies:** Python, Streamlit, pandas, Matplotlib.
- **Outcome:** Enabled users to analyze and visualize chat data effectively.
- **Link:** WhatsApp Chat Analysis - GitHub

Design many Neural Network

- Developed a lot of Artificial Neural Network
- To solve many deep learning problems Classification, Next Word Prediction, Sentiment Analysis.

SKILLS

- **Programming:** Python, JavaScript, Java, C++, SQL.
- **Technologies:** Machine Learning, AI, Deep Learning, NLP, Data Analysis, ANN, Pytorch, Tensorflow, HuggingFace, Generative AI, Transformers.
- **Frameworks:** React.js, Node.js, Express.js, Django, Flask, JSP Servlet, DBMS, API.
- **Soft Skills:** Problem-Solving, Teamwork, Leadership, Management.

EDUCATION

RCC Institute of Information Technology - B.Tech, IT
Islamia HS School - Higher Secondary

2020 – 2024, GPA: 8.9/10
2017 – 2018, GPA: 85/100

ACHIEVEMENTS

- Solved **500+** problems on LeetCode and other platforms, enhancing problem-solving and algorithmic skills.
- Acted as a **Python Mentor** in my coding group, guiding juniors on programming concepts and best practices.

Certification

- Quantitative Analysis Certificate from NIIT.
- Machine Learning Specialization.
- Java Full Stack Developer Certificate from Wipro.