Habibur Rahaman

Data Scientist | Backend Engineering Specialist

I have expertise in multiple Machine Learning (ML) and Deep Learning (DL) models, alongside proficiency in Web Backend Engineering. Now want to contribute to technological advancements through a reputed organization, where I can gain knowledge from technical surroundings and enhance my professional skills and experience as well.

WORK EXPERIENCE

North South University | Dhaka, Bangladesh
Research in Complex Deep Learning Architectures and Machine Learning Algorithms

Research Assistant | Part-Time   08/2023 – 06/2024

- Researched on Transfer Learning Architectures of CNNs, using PyTorch & TensorFlow frameworks, and achieved 95% accuracy on 6.25% data usability.
- Developed and fine-tuned Machine Learning models over highly imbalanced dataset for research in Astrophysics, applying multiple methods such as EDA, feature engineering, and resampling.

PROJECTS

Analyzing the Purchase Intent of Online Consumers   11/2023
Source Code

- Developed a Logistic Regression model achieving accuracy approximately 87% in predicting online customers' purchasing intentions.
- Applied extensive data analysis and advanced model training techniques to analyze revenue and understand consumer behavior on an e-commerce platform through internet.

Core Skills: *Python Libraries, MS Excel, Data Analysis on Big-Data, Machine Learning Models (Logistic Regression)*

Automated Advising System for NSU Faculty Advisors   06/2023
Source Code

- Developed an automated advising prototype system for NSU ECE Department Faculty Advisors and it was Successfully tested by Advisors.
- Simplified management of extensive data through advanced automation.
- Ensured efficient handling while maintaining network security by implementing scalable, secure solutions for complex data.

Features: *Task Automation, Auto Update Settings, Real-Time Notification Alerts, Users Feedback, Request System to Administration and Visualization of Users Request Panel, User Authentication*

Core Skills: *Automation, Data Structures & Algorithms, Network & Data Security, Software Architecture, Django REST Framework, NoSQL Database, DBMS*

EDUCATION

BS Computer Science and Engineering   01/2019 – 06/2024
North South University   **Grade:** 65.25%

Major in Machine Learning & Deep Learning
Minor in Data Communication & Distributed Networks

Higher Secondary School Certificate   01/2016 – 12/2018
Saint Joseph Higher Secondary School   **Grade:** 97.80%

CONTACT

- hrfprofessional@gmail.com
- Dhaka, Bangladesh
- +880 1817005195
- Portfolio Website
- LinkedIn Profile
- GitHub Profile (45+ Projects)
- Kaggle Profile (10+ Projects)

TOP SKILLS

Java, Python, Machine learning, Deep Learning, Data Analysis

BASED SKILLS

LANGUAGES: Java, Python, C, C++, PHP, Fortran, Kotlin

WEB TECHS: HTML5, CSS3, JavaScript & Node JS, TypeScript, SQL, React JS, XML, JWT, WordPress

FRAMEWORKS: Django REST, Spring Boot, Laravel, Express JS, Tailwind, Bootstrap5

DATABASES: MS SQL Server, PostgreSQL, MySQL, Firebase, MongoDB, AWS RDS

DEV-OPS & CLOUD: Docker, MS Azure, Google Cloud & API, AWS

TESTING: Junit, Jest, PyTest, Postman & Newman

VERSION CONTROL: GitHub & Git, GitLab, Bitbucket

OS & TOOLS: Windows, Linux, Terminal, PowerShell, VS Code, VS Studio, Android Studio, Power BI, MS Excel, MS Office, AutoCAD

LANGUAGES

- English (Professional)
- Bengali (Native)

CERTIFICATION

- Problem Solving Certification Issued by Hacker-Rank - **Preview**
- AI Skills Challenge 2024 Issued by Microsoft Learn - **Preview**
- Machine Learning Certification Offered through Stanford University, Coursera - **Preview**
- Data Analysis with Python Certification Offered through IBM, Coursera - **Preview**
- Algorithms Certification Offered throughout Stanford Online, Coursera - **Preview**
- Python for Data Science, AI & Development Certificate Issued through IBM, Coursera - **Preview**