

MD FAHIM AFRIDI ANI

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Dhaka, Bangladesh

PROFESSIONAL SUMMARY

Results-driven Deep learning and machine learning approaches expert AI engineer. Adept at developing and deploying models and preparing data. I'm exceptional at working with cross-functional teams to tackle challenging issues and produce scalable, production-ready AI solutions. I am committed to building and implementing cutting-edge AI solutions that foster corporate growth and improve user experiences, drawing on my expertise in computer science and my passion for cutting-edge technology.

STRENGTHS AND EXPERTISE

- Neural Networks
- Deep Learning
- Natural Language Processing (NLP)
- Machine Learning
- Data Engineering
- ETL Processing
- Data Analysis
- Programming
- Automation

Machine Learning & AI:

- Libraries: Scikit-learn, TensorFlow, Keras, OpenCV
- Techniques: Supervised and unsupervised learning, neural networks, deep learning, natural language processing (NLP), computer vision, reinforcement learning, statistical modeling, hypothesis testing, predictive analytics, forecasting, hyperparameter tuning

Data Analysis & Visualization:

- Libraries: Pandas, NumPy, Matplotlib, Seaborn
- Techniques: Exploratory data analysis (EDA), data cleaning, data wrangling, data visualization, feature engineering
- Tools: PowerBI, MS Office, Jupyter

Time Series Analysis:

- ARIMA, SARIMA, Prophet

Databases: PostgreSQL

Development & Deployment:

- Tools: Git, GitHub, Gradio
- Practices: MLOps, CI/CD

Programming Languages: Python, R, SQL

Soft Skills:

- Presenting complex data insights to non-technical stakeholders
- Working in cross-functional teams, project management

PROFESSIONAL EXPERIENCE

February 2024 - Present

উপায় (upay), Bangladesh

Data Scientist (Officer), Business Intelligence

Accomplishments:

- Spearheaded ETL automation by developing over 150 functions, drastically reducing manual workload by 70%.
Skills: SQL, Python, Pandas, NumPy, ETL Processes

- Conducted 9 comprehensive data analysis projects and built prediction models to derive actionable insights into customer behavior, sales trends, and market performance.

Skills: SQL, Python, Pandas, NumPy, Excel, Power BI, Time Series Analysis, Scikit-learn, Keras, Seaborn,

Matplotlib, Machine Learning

- Designed and executed churn models to effectively mitigate customer attrition, enhancing retention strategies.

Skills: SQL, Python, Pandas, NumPy, Scikit-learn, Keras, Seaborn, Matplotlib, Machine Learning, Predictive

Analytics

- Utilized predictive analytics for 3 proactive decision-making projects on upcoming transactions, optimizing business outcomes.

Skills: SQL, Python, Pandas, NumPy, Machine Learning, Time Series Analysis, Keras

- Ran sales and campaign analysis efforts to optimize strategies for enhanced revenue generation and automated 3 sales reporting projects for efficiency and accuracy.

Skills: SQL, Python, Pandas, NumPy, Data Visualization

- Conducted customer complaints clustering and cluster count analysis to improve customer service.

Skills: Python, Scikit-learn, K-Means Clustering, Data Analysis

- Identified indirect Upay service users from data to increase the active customer base.

Skills: SQL, Python, Data Mining, Customer Segmentation, Data Analysis

EDUCATION

BRAC University

Bachelor of Computer Science and Engineering

Major GPA: 4.0/4.0; CGPA: 3.97/4.0

January 2020- January 2024

THESIS AND PROJECT

- **Thesis: DoodletoClothing:** A clothing design recognition and searching model from doodle drawings. A way that you can search for products online is by drawing.
- **ButterFly_Pollination**
- **Lungs disease Detections**
- **ML Project On Diabetes Dataset**
- **Ham-or-Spam-Detection**
- **Airline Passengers forecasting**

Other Projects: [GitHub Link](#)

CERTIFICATIONS/PROFESSIONAL DEVELOPMENT:

Master's Program in Artificial Intelligence Engineering

Simplilearn

- Advanced Deep Learning and Computer Vision
- Introduction to Artificial Intelligence
- Industry Master Class–Artificial Intelligence
- Python for Data Science
- Machine Learning

Hackerrank

- Python (Basic)
 - Problem-solving (Basic)
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AWARDS

- The Duke of Edinburgh's International Award: Bronze Standard in 2015 Silver Standard in 2017 Gold Standard in 2017
- Excellence in Volunteerism Award in 2015 from Jaago Foundation and Volunteer for Bangladesh for raising funds for street child education.
- Achievement in Book Reading Competition 2015 from British Council.
- Daily Star Award, Edexcel Award, and Daily Sun Award for high achievements in O-level results.

REFERENCES

Md. Shahriar Hussain
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