MD FAHIM AFRIDI ANI

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Narayanganj, 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

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

SKILLS

- **Programming Languages:** Python, R and SQL.
- **Data Analysis and Visualization:** Pandas, NumPy, Matplotlib, and Seaborn.
- **Machine Learning Libraries:** scikit-learn, TensorFlow, OpenCV and Keras.
- Statistical Modeling, Hypothesis Testing, Predictive Analytics, and Forecasting.
- Time Series Analysis : ARIMA, SARIMA
- **Others:** Hyperparameters tuning**,** Gradio, PowerBI**,** MS Office**,** MLOps**,** Git and GitHub.

PROFESSIONAL EXPERIENCE

February 2024 - May 2024 (Intern)
June 2024 - Present (Officer)

উপায় (upay), Bangladesh
Machine Learning Engineer (Officer), Business Intelligence

Played a vital role in transformative initiatives, driving substantial growth in three months. Spearheaded ETL automation with a functional system, developed advanced analytical models, and automated sales reporting. Generated actionable insights from data for strategic decision-making. Contributed to market intelligence through campaign analyses, driving sustained growth.

Accomplishments:

- Spearheaded ETL automation by developing over 150 functions, drastically reducing manual workload by 70%. (**Skills:** SQL, Python, Pandas, Numpy)
- 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, scikit-learn, keras, seaborn, matplotlib, ML)
- Designed and executed churn models to effectively mitigate customer attrition, enhancing retention strategies. (**Skills:** SQL, Python, Pandas, Numpy, scikit-learn, keras, seaborn, matplotlib, ML)
- Utilized predictive analytics for 3 proactive decision-making projects on upcoming transactions, optimizing business outcomes. (**Skills:** SQL, Python, Pandas, Numpy, ML, Time Series, 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)

EDUCATION

January 2020- January 2024

BRAC University
Bachelor of Computer Science and Engineering
Major GPA: 4.0/4.0; CGPA: 3.97/4.0

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)

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.