MD ARIFUR RAHMAN ANIK
Machine Learning Enthusiast

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📍 Nikunja 2, Dhaka

Education

Bachelor of Technology
Lovely Professional University
Computer Science and Engineering

2018 - 2022

Expertise

Python
SQL, Postgresql
Django, Restful API
Scrapy
Selenium
Ngnix, Apache, Gunicorn
Flask
Bert Embedding
Hugging Face
Face Detection
Tensorflow, Keras
OpenCv
Various Pre-trained models
FastApi, Flask Api

Programming Language

Python(Object Oriented)
Java(Basic)

Frame works

Django

Python Packages

Scikit_Learn, Tensorflow, Keras, Cloud Vision, Pandas, Scrapy, BeautifulSoup, Selenium, OpenCv, PyTorch, Spacy, Nltk, etc.

Focusing on NLP and DevOps.

LANGUAGE

English
Bangla

Experience

Nov 2021- May 2022
Ishraak Solutions Limited, Niketon, Gulshan-1, Dhaka.
Machine Learning Engineer(Intern)
I interned at Ishraak Solutions Limited, gaining valuable experience in machine learning. Contributed to projects, honed skills in computer vision, and collaborated with a dynamic team in a real-world setting.

Nov 2022 - May 2023
JobXprss Limited, Niketon, Gulshan-1, Dhaka
Junior Machine Learning Engineer
Key Contributions:
- Successfully implemented data scraping techniques using Selenium, Scrapy, and API integration for efficient extraction of job data from various websites.
- Managed end-to-end processes of data scraping projects, ensuring timely and accurate delivery of scraped data for integration into the company's recruiting platform.
- Developed and deployed production-level face detection models using TensorFlow, contributing to the enhancement of the platform's capabilities.

October 2023 - Present
JobDesk Bangladesh Limited, Uttara, Dhaka.
Machine Learning Engineer/Python Developer
Key Contributions:
- Trained Multilingual Model: Utilized BERT embeddings for advanced text classification, demonstrating expertise in NLP and ML.
- FastApi Geolocation API: Developed an API using FastApi for geolocation detection.
- Human Face Detection API: Deployed a FastApi application on Nginx for human face detection.
- Nominatim Instance Installation: Installed Nominatim instance using European and Asian OSM datasets, deployed on an Apache server.
- SpaCy Server Deployment: Deployed SpaCy as a server, exposing the SpaCy language model for enhanced robustness.
- FastApi Deployment on Nginx: Successfully deployed a FastApi application on Nginx using Gunicorn, reducing post request processing time and increasing data processing speed.
- CI/CD Implementation: Implemented CI/CD using Jenkins and Docker (Basic Level).
- Holistic ML Understanding: Demonstrated a comprehensive understanding of machine learning principles.
- Elasticsearch Integration: Enhanced search capabilities by incorporating Elasticsearch into projects.
- Scrapy Project with API: Executed Scrapy projects with complete pipelines and API integration for streamlined data utilization.
- Deployment Expertise: Successfully deployed Django applications on Ubuntu using Nginx and Gunicorn for reliable performance.
- API Development:
  - Designed Django RESTful APIs for seamless communication.
  - Developed Flask APIs, showcasing versatility in web service creation.
- ML Project Leadership: Led various projects covering data preprocessing, feature engineering, and data analysis.
- Text Classification: Applied BERT embeddings for advanced text classification.
- Scraping Specialist: Oversaw 350+ spiders for efficient web scraping, elevating data acquisition capabilities.

GitHub, LinkedIn

- LinkedIn: https://www.linkedin.com/in/md-arifur-rahman-anik-a32232172/
- GitHub: https://github.com/anik007-code

IELTS

Overall Score: 6