MD ARIFUR RAHMAN ANIK

Email: aniklpu01@gmail.com, Phone: +8801627220072, Dhaka, Bangladesh
GitHub: https://github.com/anik007-code
LinkedIn: https://www.linkedin.com/in/md-arifur-rahman-anik-a32232172/
Education: Bachelor of Technology, Lovely Professional University, India.
Dept: Computer Science and Engineering(Engineering Major: AI/ML)
Personal VPS: https://aniklpu.cloud/

AI/ML AND DEVOPS ENTHUSIAST

As a Python Developer focused on advancing machine learning and DevOps, I am driven by a mission to leverage technology to create impactful, scalable solutions that bridge the gap between complex data-driven insights and practical business applications. My work is guided by a vision to streamline and innovate digital processes, empowering organizations to make data-informed decisions and achieve operational excellence. Passionate about continuously learning and evolving with emerging technologies, I aim to contribute meaningfully to projects that prioritize both technical quality and real-world relevance.

STRENGTHS AND EXPERTISE

Python, TensorFlow, Keras, PyTorch, Scikit-Learn, BERT, LLMs, NLP, OpenCV, ML Models, Text Classification, Data Preprocessing, Feature Engineering, Model Evaluation, Predictive Analytics

Docker, Kubernetes, Nginx, CI/CD, Jenkins, ArgoCD, Git, Docker Compose, PostgreSQL, Elasticsearch, Load Balancing, Monitoring

PROFESSIONAL EXPERIENCE

Jobdesk Bangladesh   October 2023 - Present
Python developer

Accomplishments:

- **Application Deployment on Nginx and Apache:** Led the deployment of over 50 applications on Nginx and Apache, optimizing configurations to enhance reliability, load balancing, and fault tolerance.
- **Nominatim Server and Isochrone Service Installation:** Installed and configured Nominatim and Isochrone services for precise geographical data handling and travel-time-based querying, enhancing mapping and location-based capabilities.
- **High-Volume Web Scraping Engine:** Developed and deployed a scalable Scrapy engine on Nginx, processing data from over 500 websites for structured and unstructured data extraction using Scrapy and Selenium.
- **Containerized Deployments and CI/CD Pipelines:** Established CI/CD pipelines with Jenkins and Docker, automating builds and deployments to improve delivery speed. Managed Kubernetes clusters for orchestrating Docker containers, supporting scalable and resilient applications.
- **Redis Caching Implementation:** Integrated Redis caching to improve response times in high-traffic applications, optimizing latency and performance.
- **NLP and Machine Learning:** Implemented LLM and BERT embeddings for advanced NLP solutions, trained a text classification model, and deployed several NLP-based applications. Developed an image detection API currently in production, utilizing TensorFlow and OpenCV for accurate image recognition.
- **Job Post Refactoring and Location Extraction:** Engineered a job post refactoring tool to clean job data and accurately extract locations using a Nominatim database integrated with PostgreSQL, where I hold deep expertise.
- **Custom API Development:** Designed and deployed various APIs, including a PDF merger, PDF image extractor, and PDF text extractor, each tailored to streamline document processing tasks in production environments.

JobXprss Limited, Niketon, Gulshan-1, Dhaka   **Nov 2022 - May 2023**
Junior Machine Learning Engineer

- Automated an e-commerce platform by scraping 15,000 product listings from Startech and seamlessly uploading the data to a WordPress localhost, enhancing the website's product offerings.
- Implemented robust data scraping workflows using Selenium, Scrapy, and API integration to automate job data extraction from diverse websites, supporting a high volume of data ingestion.
- Managed end-to-end data scraping projects, ensuring quality control and the timely delivery of accurate data, which streamlined integration into the company's recruiting platform.
- Enhanced data retrieval processes, improving efficiency and accuracy, contributing directly to maintaining up-to-date listings on the platform.

Ishraaq Solutions Limited, Niketon, Gulshan-1, Dhaka   **Nov 2021 - May 2023**

Junior Machine Learning Engineer(Intern)

- Gained hands-on experience in computer vision, focusing on training and fine-tuning machine learning models for tasks such as image detection and processing.
- Developed image detection models that enhanced object recognition accuracy, laying a foundation for real-world applications in automated visual inspection.
- Worked collaboratively with a team of experienced engineers, gaining insights into model optimization and deployment processes for scalable, production-grade applications.
- Built a solid understanding of ML model training pipelines, data preprocessing, and the nuances of computer vision tasks, setting the groundwork for advanced work in the field.

Achievements

International English Language Testing System(IELTS)

Overall Score: 6 Band.