



MD ARIFUR RAHMAN ANIK

Email: aniklpu01@gmail.com

Phone: +8801627220072

Address: Nikunja 2, Dhaka, Bangladesh

GitHub: <https://github.com/anik007-code>

LinkedIn: <https://www.linkedin.com/in/md-arifur-rahman-anik-a32232172/>

Portfolio: <https://aniklpu.cloud/>

AI/ML AND DEVOPS ENTHUSIAST

Python Developer and cloud practitioner focused on scalable ML and DevOps solutions. Driven to bridge data insights with business needs, streamline digital processes, and support data-informed decisions. Eager to contribute to projects that blend technical quality with real-world impact.

Experiences: Total: 2 Years +

- | | | |
|-----------------------------------|---|---|
| • Jobdesk Bangladesh, Uttara. | • JobXprss Limited, Gulshan-1 | • Ishraaq Solutions Limited |
| • Designation: Python Developer | • Designation: Junior Machine Learning Engineer | • Designation: Junior Machine Learning Engineer(Intern) |
| • October 2023 - Present(1 year+) | • Nov 2022 - May 2023(6 months) | • Nov 2021 - May 2023(6 months) |

EXPERTISE

Programming Language

- Python , Django
- HCL(HashiCorp Configuration Language)
- Go(basic)
- HTML, Tailwind CSS

Frameworks/Libraries

- | | |
|------------------------|-----------------------|
| • TensorFlow | • OpenCV |
| • Keras | • Selenium |
| • PyTorch | • Scrapy |
| • Scikit-Learn | • ML Models |
| • BERT | • Text Classification |
| • LLMs | • Data Preprocessing |
| • NLP | • Feature Engineering |
| • Predictive Analytics | • Model Evaluation |

Networking and Monitoring

- Load Balancing
- Monitoring

API

- Django REST framework
- Fast API
- Flask
- Streamlit

DevOps and Infrastructure Tools

- Docker
- Kubernetes
- Nginx
- CI/CD
- Jenkins
- ArgoCD
- Terraform
- Git

Databases and Search Engines

- PostgreSQL
- Elasticsearch

PROFESSIONAL EXPERIENCE

Jobdesk Bangladesh

Designation: Python developer

October 2023 - Present

Key Projects and Accomplishments:

- Project Name:** Deployed Ollama(LLAMA2) model in NGINX.
 - **Technology:** ML, Python, llama2, Nginx, DevOps
 - **Description:** Deployed a Ollama based ML model in production which is responsible for recreate the job description.
- Project Name:** Application Deployment and Optimization(Worked as an analyst and developer)
 - **Technology:** Python, **Server:** Nginx and Apache
 - **Description:** Led the deployment of over 50 applications across Nginx, Apache, Kubernetes, and Ingress. Optimized configurations to enhance reliability, load balancing, and fault tolerance, significantly boosting server efficiency and scalability.

3. **Project Name:** Geolocation and Travel-Time Query Service (Role: Installer and Configurator)
 - **Technology:** Nominatim, PostgreSQL
 - **Description:** Installed and configured Nominatim and Isochrone services, enabling precise geographical data handling and travel-time-based querying. Enhanced mapping and location-based capabilities to improve spatial data accuracy and enable sophisticated geolocation features.
4. **Project Name:** Scalable Web Scraping Engine (Role: Developer)
 - **Technology:** Python, Scrapy, Selenium
 - **Server:** Nginx
 - **Description:** Developed and deployed a scalable web scraping engine using Scrapy on Nginx, processing structured and unstructured data from over 500 websites. Integrated Selenium for dynamic data extraction, resulting in a robust solution for high-volume, multi-source data gathering.
5. **Project Name:** Containerized Deployments and CI/CD Integration (Role: Pipeline and Cluster Manager)
 - **Technology:** Docker, Jenkins, Kubernetes
 - **Description:** Established CI/CD pipelines using Jenkins and Docker, automating build and deployment processes for faster, more consistent releases. Managed Kubernetes clusters to orchestrate Docker containers, enabling scalable and resilient application updates.
6. **Project Name:** Redis Caching for High-Traffic Applications (Role: Integration Specialist)
 - **Technology:** Redis, Python
 - **Description:** Integrated Redis caching in high-traffic applications, significantly improving response times by reducing latency and enhancing application performance under heavy load.
7. **Project Name:** Advanced NLP and Machine Learning Solutions (Role: ML Engineer)
 - **Technology:** TensorFlow, OpenCV, BERT, Python
 - **Description:** Developed NLP solutions using LLM and BERT embeddings for text classification. Deployed a production-ready image detection API utilizing TensorFlow and OpenCV, achieving high accuracy in image recognition across various applications.
8. **Project Name:** Job Post Refactoring and Location Extraction API (Role: Developer)
 - **Technology:** Nominatim, PostgreSQL, Python
 - **Description:** Engineered a tool to clean and structure job post data, integrating Nominatim with PostgreSQL for precise location extraction. This tool improved data quality, making location-based searches and job data retrieval more efficient.
9. **Project Name:** Document Processing API Suite (Role: API Developer)
 - **Technology:** Python, PDF processing libraries
 - **Description:** Designed and deployed a suite of APIs for document processing, including a PDF merger, PDF image extractor, and PDF text extractor. Tailored to streamline document workflows, these APIs enhanced productivity in production environments by simplifying document-related tasks.
10. **Project Name:** Human Face Detector (Role: API Developer)
 - **Technology:** Python, Dlib, Face Recognition
 - **Description:** Designed and developed an API using Dlib for human face detection that returns a boolean value for face presence. In production, this API ensures that only single-face images are used for profile pictures in CVs, preventing multi-face images in profile setups.

JobXprss Limited, Niketon, Gulshan-1, Dhaka
Junior Machine Learning Engineer

Nov 2022 - May 2023

- 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
Junior Machine Learning Engineer(Intern)

Nov 2021 - May 2023

- 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.

Educations

University

Lovely Professional University, Punjab, India
Department: Computer Science and Engineering
Engineering Major: Machine Learning
Total credits: 160
CGPA: 71%
Passing Year: 2022

Achievement

IELTS: 6 (British Council)

Collage

Cantonment Public School and Collage, Mymensingh
Department: Science
GPA: 4.67
Passing year: 2017

School

Kendua Joy Hari Spry Govt. High School
Department: Science
GPA: 4.72
Passing year: 2015

References

Name: Md Masum Billah
Jobdesk Bangladesh
Full Stack Developer
Mobile: +8801728473506

Name: Md Golam Rabbani
Relation: Father
Profession: Teacher
Gmail: mdgolamrabbanibsc01@gmail.com
Mobile: +8801718654889

I hereby confirm that all the information provided above is true and accurate to the best of my knowledge and is up to date.

.....

Md Arifur Rahman Anik