A. K. MAHAMUDUN NABI

PYTHON DEVELOPER

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SKILLS

- **Python Libraries & APIs:**
  TensorFlow, Pytorch, NLTK, OpenCV, CrewAi, Hugging Face, OpenAI, Ollama, LangChain
- **Backend:** Django, FastAPI, Flask
- **GitHub CI/CD pipeline, cloud deployment, & Postman for API testing**
- **Database:** MySQL, PostgreSQL.
- **Frontend:** React, Tailwind CSS, Bootstrap.

EDUCATION

BRAC UNIVERSITY (2020 - 2024)
- BSc in Computer Science

CERTIFICATION

- **Data Science (Ostad Limited)**
  ID: C15231
- **Machine Learning Specialization (Coursera)**
  ID: W58WEXG9CWC6
- **Python Basic (HackerRank)**
  ID: D9F329B3869B

LANGUAGES

- English: Fluent
- German: Basics
- Hindi: Fluent

ABOUT ME

I specialize in fine-tuning **LLMs** and implementing them using **Django**. I have strong experience in **image processing** and expertise in **TensorFlow, PyTorch, NLTK, OpenCV, CrewAI, Hugging Face, OpenAI, and Ollama.**

EXPERIENCE

Smart Field Service (February 2025 - Present)
-Software Developer
- Implement ML model APIs from transformers like Hugging Face, Llama, GPT, BERT
- Improved prediction accuracy by 15% in facial attendance system
- Perform EDA, feature engineering, and fine-tune LLMs, image processing
- Handle and create a dynamic DB
- Django, React.js, Docker, VPS server

Domino's Pizza (October 2024 - January 2025)
-MIS intern
- Roster prediction using the 5 month ordering data
- Data analysis
- Data visualization

PROJECTS

timestamp_it | Python, OpenAI Whisper
An intelligent tool to find the exact timestamp of spoken phrases in video/audio files using speech-to-text AI.
- 🔗 *https://github.com/Nabi40/timestamp_it*
- CO *timestamp_it*

Q&A Data fetcher | Python, CrewAI, LangChain, OpenAI GPT-3.5, Agent-Oriented Programming
Designed and deployed a multi-agent system to autonomously fetch, analyze, and compile a daily newsletter focused on Bangladesh using LLM coordination.
- 🔗 *https://github.com/Nabi40/CrewaiAgent*

Eng-to-Bng-Language-Translator | Hugging Face Transformers, TensorFlow, Kaggle, Helsinki-NLP
Developed a neural machine translation system using the Helsinki-NLP opus-mt-en-hi model to translate English text to Bengali.
- 🔗 *English-to-Bangla-Language-Translator-Model*
- CO *Colab English-to-Bangla-Language-Translator-Model*