

A. K. MAHAMUDUN NABI

PYTHON DEVELOPER

SKILLS

- Python Libraries: TensorFlow, Pytorch, NLTK, OpenCV, Matplotlib, Numpy, Pandas, CrewAi.
- Backend: Django, FastAPI
- GitHub CI/CD pipeline, cloud deployment, & Postman for API testing
- Database: MySQL, PostgreSQL.
- Power BI
- Frontend: HTML, CSS, 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

CONTACT

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- 🌐 [A K Mahamudun Nabi](#)

LANGUAGES

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

ABOUT ME

I am a Python engineer with extensive experience in various Python libraries and frameworks, including Django for web development, TensorFlow, and Keras for deep learning, OpenCV for computer vision, and NLTK for natural language processing. My expertise spans developing robust applications and working with algorithms in areas such as convolutional neural networks (CNNs). Matplotlib, Pandas & Numpy for Data Analysis, Data Visualization. In addition to my development skills, I am an active competitive programmer on LeetCode, continuously honing my problem-solving abilities. As a quick learner, I am always eager to embrace new challenges and technologies.

EXPERIENCE

MIS intern at Jubilant FoodWorks Ltd.

- Roaster prediction using the 5 month ordering data
- Data analysis
- Data visualization

PROJECTS

Project_management_Api | Django, REST framework, serializers

- It's a CRUD API, it has user, project, project members, task, and comment tables.
- Data tables are accessible using POST, GET, PUT, and DELETE methods using the API.
- The API has been Documented via Postman

🔗 https://github.com/Nabi40/Project_management_Api/tree/main

Handwritten digit recognition | TensorFlow, Keras Matplotlib, NumPy, OpenCV

- This project gives a probable guess to identify the digits using a trained model.
- Taste case digits are 28 by 28 pixels.
- If it can't give a probable guess it is supposed to give an error but it doesn't cause of its accuracy level

🔗 <https://github.com/Nabi40/MNist>


ChatBot | NLTK, Pytorch, CNN

- Chatbot takes input tokenizes it to match the closest similarity dataset and answers it accordingly.
- Used the NLTK library to tokenize the input data it matches the data with the dataset using the CNN model.

🔗 <https://github.com/Nabi40/chatbot>

Q&A Data fetcher | CrewAi, Python

- It Fetch data from Wikipedia and answers them it accordingly using just the crewAi library.
- It was supposed to get answers in short but it gives the answer in a few paraphrases

 <https://github.com/Nabi40/CrewaiAgent>

Weatherproject | Django, Api, HTML, CSS, Docker

- It shows the weather conditions collecting the data from OpenWeatherMap using its API.
- Open weather map has minimal data so when it can't fetch the local desired data it shows N/A as default.
- it's been deployed using the Docker container


 <https://github.com/Nabi40/weatherproject>

 <https://weatherproject-3.onrender.com>

folium_map | Django, Api, folium, HTML, CSS

- It is a map using folium library
- it has no database. it can show only an overview of the map.

 https://github.com/Nabi40/folium_map

 <https://folium-map.onrender.com>