Tahsinul Haque Dhrubo

Software Engineer

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🌐 https://th-dhrubo-portfolio.vercel.app ⓞ Exile404

🔖 Career-oriented and highly energetic Software Engineer with a restless drive to make things happen. Proactive and solution-focused, proficient in various programming languages such as Python, and JavaScript. Possess the ability to make a significant difference in the organization, demonstrating patience and punctuality in all tasks undertaken.

SKILLS

Programming Languages	**Python**, **JavaScript**, **TypeScript**, C++, NodeJS, Ruby on Rails
Machine Learning and AI	TensorFlow, Keras, PyTorch, Scikit-learn, Numpy, Pandas, Matplotlib, Mediapipe, OpenCV, YoloV5, Seaborn
Databases	MySQL, PostgreSQL, MongoDB, Prisma
Web Development	HTML, CSS, **ReactJS**, **Tailwind CSS**, **NextJS**, Flask, **FastAPI**, **Django**, PHP
Operating System	**Windows**, **Kali Linux**
Academic	Academic Research, Teaching, LateX
Misc	Git, Docker, Selenium(Automation)

EXPERIENCES

Mar 2020 - Nov 2022	**Director of Communications**, BRAC University Response Team
Oct 2020 - Mar 2022	**Senior Member (Control and Sofware)**, BRACU Mongol Tori

PROJECT & THESIS WORKS

Bengali AI Chatbot | GitHub

- An offline system designed to understand and respond to human queries in Bengali. This project allowed me further to explore the intricacies of Deep Learning and NLP, solidifying my desire to advance in Artificial Intelligence.

Pharmaceutical Supply Chain | GitHub

- A Dapp to track the medicine supply chain to avoid mismanagement and keep the originality
- Ethereum and NextJS

Chakri Khujo - Job Posting Website | GitHub

- Made for job search and posting
- MERN Stack

Sign Language Detection BDSLP | GitHub

- Developed a model translating Bengali Sign Language into readable Bengali text. This project involved creating our dataset and utilizing technologies like Mediapipe, LSTM, and OpenCV, which has been a testament to my passion for creating adaptable and impactful technological solutions.

SoloNest(Group Project) | GitHub

- Django and Tailwind CSS
- Implemented payment gateway

Predicted Routine | **GitHub**

- Developed with Selenium and FastAPI
- To ease students' pressure

Hello USIS | **GitHub**

- Developed a website with Django and Selenium
- Improved user experience and removed pressure

E-Ticketing | **GitHub**

- Made for Bus, Train, and Plane
- Made with HTML, CSS, Javascript & PHP

Controller with Socket Programming | **GitHub**

- Made with Python
- Control System for a rover

EDUCATION

2020 - 2023	**B.Sc., BRAC University** Computer Science. Thesis title: *Bridging Worlds: Enhancing Low-level Sign Language Recognition and Seamless BdSL-to-Bengali Conversion with Sequential LSTM Innovation*

AWARDS & ACHIEVEMENTS

2023	**100 Problems solved on LeetCode. [ID- Exile404]**
2022	**3rd Kibo Robot Programming Challenge (Kibo-RPC) [Won Crew Award]**
	Finalist in Bangladesh Blockchain Olympiad 2022
	SPACE TEAMS INTERNATIONAL MISSION OZ [6th Place]
2021	**2nd Kibo Robot Programming Challenge (Kibo-RPC) [Runners-up][Won Crew Award]**
	BRAC University Intra University Programming Contest 2021(Champion)
	BRAC University Intra University Hackathon[Runnersup]
	Honorable Mention in ICPC2021

REFERENCES

Available on Request