

MEHEDI HASAN

Address: Uttara, Dhaka
Phone: +880 1788205777

Mail: mehedisani02@gmail.com
[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

CAREER OBJECTIVE

Aspiring Machine Learning Engineer with hands-on experience building NLP and LLM-driven applications using PyTorch, LangChain, and FastAPI, and a working foundation in deep learning architectures including RNNs, LSTMs, and Transformers. Backed by a strong algorithmic foundation from 850+ solved competitive programming problems and full-stack development experience with React.js, Next.js, Node.js, and MongoDB. Looking to contribute strong engineering fundamentals and a fast-learning mindset to a team building real-world, data-driven ML systems.

SKILLS

AI & Machine Learning: Python, Machine Learning, Deep Learning, NLP, RNN, LSTM, Transformers, LangChain
Data Science & MLOps: NumPy, Pandas, PyTorch, FastAPI, Matplotlib, Seaborn
Web & Backend: React.js, Next.js, Node.js, Express.js, Streamlit, MongoDB, SQL
Tools: Git, GitHub, Postman, VS Code, Figma
Soft Skills: Hard working, Active listening, Quick Learner

PROJECTS

NovaChat AI – AI Conversational Chatbot

[Live](#) | [Repository](#)

Overview: NovaChat AI is a full-stack AI chatbot that lets users interact with a Large Language Model through a clean, responsive web interface, with the backend orchestrating LLM interactions via LangChain.

Features:

- Real-time chat with persistent conversation history and RESTful API communication between frontend and backend.
- Backend built with FastAPI and LangChain to orchestrate prompt flows and manage LLM responses served through the Groq API.
- Modern, responsive UI built with Next.js, React, and TypeScript; deployed on Vercel and Render.

Technology Used: Python, FastAPI, LangChain, Groq API, Next.js, React, TypeScript, Tailwind CSS

PlayWise Kids – Kids Toys E-commerce

[Live](#) | [Repository](#)

Overview: PlayWise Kids is an e-commerce platform for educational and learning toys that lets users browse products, read detailed product info, and read related blog articles, while supporting Google authentication and a shopping cart.

Features:

- Users can browse products with pricing, discounts, and ratings, and view detailed product pages with FAQs.
- Users can sign in with Google (NextAuth.js) and add items to a shopping cart.
- Users can read blog articles related to each product and submit inquiries via a contact form with automated email notifications

Technology Used: React.js, Next.js Tailwind CSS, MongoDB

EDUCATION

BSc in Computer Science | American International University, Bangladesh (AIUB)

(Sep 2022 – Present)

LANGUAGE PROFICIENCY

Bangla – Native
English – Comfortable