RAYYAN AHMED SIDDIQUI

rayyan.siddiqui23@spit.ac.in ⬦ Linkedin ⬦ Github

EDUCATION

Sardar Patel Institute of Technology, Mumbai   2023 – 2027
B.Tech in Computer Science and Engineering
Minor in Financial and Strategic Management
CGPA (Till 4th Semester): 8.69

Mithibai College, Mumbai   HSC - 2023
12th Science — Percentage: 86.8%

Hansraj Morarji Public School, Mumbai   SSC - 2021
10th — Percentage: 89.8%

SKILLS

Programming	C, Python, Java
Web Development	React.js, Next.js, Node.js, Flask, FastAPI
Database Management	MySQL, MongoDB, ChromaDB
APIs	RESTful APIs, JWT Authentication
Deployment	Render, Vercel
Data Analysis	Pandas, NumPy
Data Visualization	Matplotlib, Seaborn
Machine Learning	Regression Models, Data Preprocessing, Feature Engineering,Scikit-learn, PyTorch
LLMs	Retrieval-Augmented Generation (RAG), Sentence-Transformers, Hugging Face

SCOPE CERTIFICATION

JPMorgan Chase College to Corporate Program (Ongoing)   Started March 2025
Selected for an industry-level certification and training by JPMorgan Chase & Co.
Focused on cloud computing and agile methodology through project-based learning.

PROJECTS

DiploMate — Next.js, Node.js, MongoDB, Python, FastAPI, Sentence-Transformers, ChromaDB
Built a full-stack AI-powered MUN assistant enabling users to query event-specific knowledge bases.
Integrated a Python RAG pipeline to generate fact-grounded responses.
Developed RESTful APIs and JWT-based auth for event/user management.
Deployed frontend on Vercel and backend microservices on Render.

LEGO Price Prediction — Python, scikit-learn, pandas, matplotlib
Applied multiple regression models to predict LEGO set prices.
Performed preprocessing via data cleaning, feature scaling, and log transformation.
Trained and evaluated models using scikit-learn and visualized results.

Micrograd: Custom Autograd Engine — Python
Implemented a minimal autograd engine from scratch.
Built scalar value objects and backward pass logic.
Learned fundamentals of backpropagation and neural networks.

EXTRACURRICULAR EXPERIENCE

Training and Placement Office, SPIT
Contacted alumni to connect with hiring teams for placement opportunities.
Assisted in placement coordination and company outreach processes.