SHREYANSHU BANERJEE

Gorakhpur,UttarPradesh

📞 +91-9569887839 ✉ shreyanahubanerjee2022@vitbhopal.ac.in www.linkedin.com/in/shreyanshu1profile

Education

B-tech UG-Computer Science & Engineering	Vellore Institute of Technology (8.44 CGPA)
Class X : Central Board of Secondry Education in India	G.N. National Public School (86.4%)
Class XII: Central Board of Secondry Education in India	G.N. National Public School (76.8%)

Relevant Coursework

- Data Structures and Algorithm
- Database Management system
- Machine Learning
- Computer Networks
- Operating System

Experience/Courses

AWS Global Course
- Gained hands-on experience in cloud computing, storage, and deployment services.
- Learnt best practices for AWS infrastructure management and security.

MongoDB Course

Worked with NoSQL databases to optimize and manage data efficiently.
- Learnt indexing, aggregation, and query optimization techniques.
- Educated myself on MongoDB data modeling to create flexible, high-performance database schemas tailored for diverse application needs.

Projects

Drug Research platform
- AI-Powered Drug Research Platform (AI-Powered Drug Research Platform)
- Developed a drug research platform using Next.js 14, TypeScript, and Tailwind CSS for a responsive UI.
- Integrated NVIDIA AI models to enhance molecule generation and drug discovery.
- Enabled real-time collaboration with group messaging and research team management features.

Plant Disease Detection System
- Built a machine learning model for plant disease detection using Python and AI techniques. Integrated image processing techniques to classify plant diseases.
- Deployed the model with an interactive UI for easy accessibility.

Technical Skills

- Analytical Tools: Excel, SQL
- Languages: Python, C++.
- Technologies/Frameworks: GitHub, React ,Panda, NodeJS

Certificates

- Cloud Computing – NPTEL
- Marketing Analytics -NPTEL
- Certificate in Artificial Intelligence, Machine Learning & Deep Learning Embedded System Design and IoT (10-day experiential learning in Pune & Hyderabad)
- AWS Academy Graduate - AWS Academy Cloud Architecting certificate
- MongoDB database admin path certificate

Extracurricular:

- Active participant in cricket tournaments
- Fond of music and singing