BIHAN BANERJEE

COMPUTER SCIENCE UNDERGRADUATE

📞 +91 6289048287   ✉ bihanbanerjee26@gmail.com
🌐 github.com/Bihan-Banerjee 🌐 linkedin.com/bihan-banerjee

EDUCATION

08/2023 - Present
VELLORE INSTITUTE OF TECHNOLOGY, VELLORE

- BTech Computer Science and Engineering

04/2008 - 05/2023
GARDEN HIGH SCHOOL

- Primary and Secondary Education

ORGANIZATIONS

06/2024 - Present
MOZILLA FIREFOX CLUB VIT

- **Events Head**

05/2024 - Present
IEEE-CS CHAPTER VIT VELLORE

- **Senior Core Member**

SOFT SKILLS

- Public Relations
- Teamwork and Leadership
- Time Management
- Effective Communication

ACHIEVEMENTS

- **Rajya Puraskar Awardee**
- WSJ '19 Indian Contingent Member
- Karate Black Belt Awardee and **International Medallist**

JOB EXPERIENCE

06/2025 - 07/2025
AILABS – DATACORE (DCG GROUP)

- Engineered a real-time sentiment analysis system using Flask.
- Developed and deployed a logistic regression model with TF-IDF vectorization on IMDb dataset.
- Designed a dynamic feedback dashboard and containerized the full stack using Docker & Compose.
- Automated streaming workflows using Kafka producers and consumers for live inference.

PROFILE SUMMARY

I am a **passionate** Computer Science undergraduate with **hands-on experience** in **full-stack development** and **cybersecurity**. Skilled in **problem-solving**, teamwork, and **quick learning**, with a **strong foundation** in software engineering and active involvement in projects and extracurriculars.

PERSONAL PROJECTS

Serenity Gardens   02/2025–PRESENT
Family-owned garden management platform

- Developed a **feature-rich** full-stack webapp to digitally showcase and manage a private garden with flora listings, visitor reviews, and multimedia galleries along with **user authentication**, admin controls, and a **secure checkout system** using cash and RazorPay payment.
- Built with React, TypeScript, MongoDB, Express, Node.js, and integrated **role-based dashboards** for admins and visitors

NeuroPharm   03/2025-04/2025
AI-driven drug discovery platform

- Developed an **AI-driven** drug discovery platform to fetch protein structures and identify top ligands and Visualized molecular interactions in 3D for **pharmaceutical research**.
- Used React, Node.js, MongoDB, Python, AlphaFold, ChEMBL API, Gemini API to develop product.

MapIt   03/2025--05/2025
Interactive world mapping application

- Developed an **interactive** world mapping application for users to mark visited countries and cities
- Integrated **JWT-based role authentication**, **dynamic map visualization** using Leaflet, and PDF generation via react-to-pdf
- Implemented an **AI travel companion** using Google's Gemini API for generating humorous travel insights

TECHNICAL SKILLS

CODING:	FRONT END:	BACK END:
- Java	- HTML	- Node.js
- Python	- CSS	- Express
- C	- JavaScript	- MongoDB
- C++	- ReactJS	- MySQL
	- Tailwind CSS	
	- TypeScript	