



BIHAN BANERJEE

COMPUTER SCIENCE UNDERGRADUATE

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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
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

ACHIEVEMENTS

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

CERTIFICATIONS

- Foundations of Cybersecurity by Google
- Node.js, Express, MongoDB & More: The Complete Bootcamp by Udemy
- The Ultimate React Course 2025: React, Next.js, Redux & More by Udemy

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

ConsumeWise AI-Eyes

08/2024-09/2024

AI-Eyes project for health analysis of food products

- Developed an **AI-powered** application to provide **comprehensive health analysis** of food products by scanning barcodes or entering EAN numbers
- Leveraged React, MongoDB, Express, Node.js, and Google's Gemini API for **robust functionality** and **scalability**

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--present

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:

- Java
- Python
- C
- C++

FRONT END:

- HTML
- CSS
- JavaScript
- ReactJS
- Tailwind CSS

BACK END:

- Node.js
- Express
- MongoDB
- MySQL