Biprajeet Sen

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Technical Skills: Python, C++, HTML, CSS, MySQL, JavaScript

Certification:

- GEN AI Professional, Oracle, July 2025
- Industrial Control System Practices, CISA, May 2024
- ISEA: Cyber Hygiene Practitioner, Ministry of Electronics and Information Technology, Oct 2024

Board	Tenure	Educational institution
B. Tech (Computer Science & Engineering Specialization in Cyber Security and Digital Forensics)	Oct 31,2022 – Ongoing	Vellore Institute of Technology
Class XII	May 18, 2022	Shrimanta Shankar Academy, Dispur, Assam
Class X	May 16, 2020	Bolosing Memorial School, Assam

ACADEMIC PROJECTS	
Full - Stack	▪ **Online FIR Registration & SOS System (e-FIR Portal) (Aug , 2024 – Dec,2024)** - **Description:** Developed an intuitive e-Digital FIR Portal, utilizing HTML/CSS, JavaScript, and PHP Server for a responsive and user-friendly platform. Implemented efficient incident reporting, authentication, and data management features, ensuring seamless navigation and streamlined FIR tracking. - **Technology:** HTML/CSS, JavaScript, PHP Server - **Team Project:** 5 members - **Role:** Back End Developer **(Co Lead)**
Machine Learning	▪ **Leaf Disease Prediction (Jan,2025 – Ongoing)** - **Description:** A machine learning-based application that analyzes leaf images to predict diseases using a Convolutional Neural Network (CNN). Built with Flask, it processes user-uploaded images and provides real-time disease diagnosis. As the front-end developer, I designed the UI and integrated it with the backend for seamless functionality. The system helps farmers and gardeners identify plant diseases early for better crop management. Technologies used include CNN for image classification and Flask for backend API development. - **Technology:** Convolution Neural Network (CNN)-ML, Flask. - **Team Project:** 2 members - **Role:** ML Developer
Cyber Security	▪ **PhishShield AI (Aug,2025 – Ongoing)** - **Description:** Developed an advanced phishing detection system leveraging NLP and URL-based feature extraction, achieving 94% accuracy by training machine learning models on diverse web datasets. Designed a Chrome extension integrated with a centralized dashboard to deliver real-time alerts and detailed phishing analytics, reducing threat response time by 65% for both end-users and administrators. This end-to-end solution enhanced security posture through proactive threat identification and actionable insights. - **Technology:** Python, Streamlit, scikit-learn, pandas, NLTK, BeautifulSoup - **Role:** Security Developer

CO-CURRICULARS	
Coding	▪ Participated in Dr.G.Viswanathan Challenge and an active coder at GFG. ▪ Contributed to open-source projects in AI/ML, cloud computing, and security, enhancing global developer communities.

EXTRA-CURRICULARS AND ACHIEVEMENTS	
Achievements	▪ Top performer (Team-Cyber Sentinels) in the Smart India Hackathon, ISPI India 2023. ▪ Participated in TCS CodeVita 2024 ▪ Winner of the Developer Week Hackathon (2025) and Achieved 4-star rating on HackerRank in problem-solving and competitive programming.
Responsibilities	▪ Research & Development Contributor (Cyber Warriors Club, VIT Bhopal), Nov 23 - Nov 24
Extracurricular	▪ IEEE Student Member

ADDITIONAL INFORMATION	
Languages	▪ English, Hindi, Bengali, Assamese