

EDUCATION

Degree/Certificate	Institute Name	CGPA/Percentage	Year
B.Tech.	University of Engineering and Management, Kolkata	8.85 CGPA	2026
Higher Secondary	Chhatrashal Radhanagar Bireswar High School	90.6%	2022

EXPERIENCE

- VaultofCodes

AI and Prompt Engineering Intern

June 2025 - Present

Remote

– Optimized over 100 prompts for LLMs, improving output relevance by 30%

– Reduced AI hallucinations by 40% through advanced prompt tuning

– Automated prompt workflows, increasing content productivity by 25%
- Edunet Foundation (IBM SkillBuild)

Cyber Security Intern

Jan. 2025 - Feb. 2025

Remote

– Engineered a Python-based steganography system with a 95%+ hidden data retrieval rate

– Strengthened image encryption, improving confidentiality across communication pipelines.
- Edunet Foundation (Microsoft and SAP CSR)

Artificial Intelligence Intern

Nov. 2024 - Dec. 2024

Remote

– Developed a face recognition-based attendance system with over 90% accuracy using OpenCV

– Reduced manual attendance logging by 80%, effectively eliminating proxy entries

PROJECTS

- LeafScan

Remote

May. 2024 - June. 2024

Drive

– Designed a deep learning-based system using TensorFlow and Keras to detect plant diseases from leaf images with high accuracy.

– Implemented image preprocessing, model evaluation, and a user-friendly interface for real-time diagnosis.
- Attendance Management System Using Face Recognition

Remote

Nov. 2024 - Dec. 2024

<https://github.com/priyotosh-27/Project>

– Built a face recognition-based Attendance Management System using machine learning for real-time, automated attendance tracking, reducing manual effort by 90% and eliminating 100% of proxy entries

– Enhanced accuracy and security by eliminating proxy attendance and enabling reliable record management.
- Secure Data Hiding In Images Using Steganography

Remote

Jan. 2025 - Feb. 2025

<https://github.com/priyotosh-27/Project>

– Developed a Python-based steganography system to securely hide and extract confidential text data within image pixels.

– Implemented password-protected encryption to ensure secure and undetectable data transmission.

SKILLS

- Competitive Programming: Solved 500+ DSA problems on various platforms & 5 - Star coder on HackerRank

• Programming: Java, Python, C, JavaScript, HTML, CSS

• Libraries/Frameworks : Numpy, Pandas, TensorFlow, Scikit-learn, OpenCV

• Tools / Platforms: Git, GitHub, Jupyter Notebook, VS Code, Canva, MS Excel, MS Word, Gen- AI Tools

• Databases: SQL

• Core Concepts: Data Structures and Algorithms, Object-Oriented Programming (OOP), DBMS, Operating Systems

CERTIFICATIONS

- Java Object Oriented Programming: Inheritance, Polymorphism, Encapsulation, and Abstraction [Certificate](#)

• HTML For Programmers: Covered HTML structure, elements, attributes, and common elements such as headings, paragraphs, lists, links, and forms. [Certificate](#)

• Generative AI: Large language models (LLMs) are central, powering text generation, conversational AI, and content creation. [Certificate](#)