AMBORISH SEN

Kolkata, West Bengal India

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Education

Techno International New Town   GPA 8.04/10

Bachelors of technology in Computer Science and Technology   2022 - 2026

Skills

- **Key Skills:** Data Structures and Algorithms
- **Programming Languages:** C++, Python, Java
- **Web Development:** HTML, Bootstrap, CSS, JavaScript
- **JavaScript Frameworks:** React.js, Node.js, Express.js
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Cloud-based Platform:** Google Cloud Platform
- **Version Control:** Git, GitHub
- **Machine Learning:** Scikit-Learn, TensorFlow
- **Computer Vision:** OpenCV, YOLO
- **API Development:** RESTful API design and implementation
- **Design Tools:** Canva, Figma

Achievements

- **Internal Hackathon** :Ranked 7 among the top 120 teams in the Internal Hackathon Conducted By Techno International New Town

Projects

- **<u>Portfolio:</u>** A portfolio is a curated collection showcasing an individual's skills, projects, and achievements, typically used to demonstrate expertise to potential employers or clients.
- **<u>School Dropout Analysis</u> :** Built a machine learning model using artificial neural networks (ANN) to predict school dropout likelihood based on demographics and socio-economic factors. Designed an interactive dashboard to visualize key insights and trends.
- **<u>Bengal Yoga Vigyan Kendra website</u>** : Designed and developed a website for a yoga institution to manage attendance, class schedules, and student subscriptions. Built using NextJS, NodeJS, and PostgreSQL with a user-friendly interface for students and teachers.
- **<u>Smart Traffic Light Controller</u>** : Engineered an AI-based traffic management system that dynamically adjusts traffic light timings based on real-time vehicle density and emergency vehicle detection, optimizing urban traffic flow and reducing congestion.

Certifications

- **<u>Udemy - The Complete 2024 Web Development Bootcamp</u>** - Learnt Full Stack Web Development
- **<u>Machine Learning A-Z: AI, Python & R + ChatGPT</u>** - Acquired foundational Machine Learning knowledge.
- **<u>Coursera - Google Cybersecurity Professional Certificate</u> -** Learnt Cybersecurity concepts and practical skills