AMBORISH SEN

+91 79808-34697 ◇ Kolkata, West Bengal, India

amborish.sen.work@gmail.com ◇ linkedin.com/Amborish-Sen ◇ www.amborish-sen.com

EDUCATION

Bachelor of Technology in Computer Science and Engineering Expected 2026

Techno International Newtown, Kolkata GPA - 8.04

SKILLS

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

PROJECTS

- **Portfolio:** A portfolio is a curated collection showcasing an individual's skills, projects, and achievements, typically used to demonstrate expertise to potential employers or clients.

- **School Dropout Analysis:** 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.

- **Bengal Yoga Vigyan Kendra website:** 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.

- **Smart Traffic Light Controller:** 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.

ACIEVEMENTS

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

CERTIFICATIONS

- [Udemy - The Complete 2024 Web Development Bootcamp](#) - Learnt Full Stack Web Development.

- [Machine Learning A-Z: AI, Python and R + ChatGPT](#) - Acquired foundational Machine Learning knowledge.

- [Coursera - Google Cybersecurity Professional Certificate](#) - Learnt Cybersecurity concepts and practical skills.