Sayam Maity

Computer science engineer

CONTACT

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ABOUT ME

I am a Computer Science Engineering graduate from Bengal Institute of Technology with strong skills in Java, Python, and C. Currently, I am working on a deep learning fashion project using StyleGAN, PyTorch, Tensorflow and NumPy. I have also developed a Student Monitoring System website and worked on hardware projects like a drone, a robo car, and a baby monitoring system using Arduino. My research paper, "Education in Pandemic: Navigating the New Normal," highlights my analytical abilities. I am eager to contribute to innovative projects and continuously enhance my technical expertise.

EDUCATION

Bengal Institute of Technology | 2021-2025

B.Tech in Computer Science Engineering

Oxford Senior Secondary School, Vikas Puri, New Delhi

Class- 12th | 2020-2021
Class- 10th | 2018-2019

TECHNICAL SKILLS

- Programming Languages: Java, Python, C
- Web Technologies: HTML, CSS, MySQL
- Deep Learning & AI: PyTorch, StyleGAN, NumPy
- Development Tools: Git, GitHub, VSCode, IntelliJ
- Hardware & Robotics: Arduino, Drone Technology, Robotics
- Other: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Video Editing, Digital Marketing Tools

PROJECTS

Deep Learning in Fashion Design

- Utilized StyleGAN, PyTorch, and NumPy to create innovative clothing styles.
- Focused on using deep learning for personalized fashion creation and trend forecasting.

Student Monitoring System (Web Application)

- Designed and developed a website for student monitoring using Java, Python, and MySQL.
- Ensured efficient user interface and secure data management.

Baby Monitoring System

- Built using Arduino for real-time monitoring and alerting mechanisms.
- Integrated sensors to detect baby movement and environmental conditions.

ACHIEVEMENTS

- Drone Development: Designed and built a drone capable of stable flight and controlled navigation.
- Robo Car: Developed a robotic car to navigate and overcome obstacles using sensor integration.
- Research Paper: "Education in Pandemic: Navigating the New Normal." Explored the challenges and solutions in the education sector during the COVID-19 pandemic.

CERTIFICATIONS

- Getting Started with Artificial Intelligence
- Introduction to Generative AI & Generative AI Studio
- Introduction to Large Language Models & Transformer Models
- Attention Mechanism & Encoder-Decoder Architecture
- Introduction to Image Generation & Generative AI Fundamentals
- Build Your Own GPT-4 Content Generator (Bootcamp)

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Bengali (Fluent)

EXTRACURRICULAR ACTIVITIES

- Active participant in tech workshops and hackathons.
- Volunteered in digital marketing campaigns for local startups.
- Video editing for educational YouTube channels.