

ANURAG MOHAN ROY

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EDUCATION

Indian Institute of Engineering Science and Technology, Shibpur
Degree Name - B.Tech in Information Technology - 8.4 CGPA

2020–2024
Howrah, West Bengal

Bharatiya Vidya Bhavan
CBSE XII Board- Percentage - 95%

2020
Kolkata, West Bengal

Bharatiya Vidya Bhavan
CBSE X Board - Percentage - 97.2%

2018
Kolkata, West Bengal

Qualified for GATE DA (Data Science and Artificial Intelligence)-2024

COURSEWORK & LANGUAGES

- Data Structures & Algorithms
- DBMS
- Operating Systems
- Computer Networks and Security
- Artificial Intelligence and Machine Learning
- OOPS Concept
- Cloud Computing and Web services
- C++, JAVA, Python
- NodeJS, ReactJS

SKILLS

Inquisitive, energetic student of Information Technology, with a strong foundation in math, logic, and cross-platform coding. Seeking an entry-level position at a reputed organization that will utilize my skills and help me contribute in achieving the organization's plans, alongside ascertaining my personal growth.

PROJECTS

Embedded IoT for Smart Agriculture

- Developed a **smart irrigation system** for real-time monitoring of soil moisture, temperature, and crop water requirements. Implemented **disease detection using ML models like LeNet** and focusing on enhancing **fertilizer management** with NPK sensors for optimized crop yield and model accuracy.

EcoMarket: The Ultimate Online Shopping Destination

- Implemented a comprehensive **MERN stack** for a robust e-commerce platform. Integrated business features such as **user authentication, product management, and secure payment gateways** to enhance user experience and drive sales.

MetroRoute: Finding Path through Kolkata city

- Created a **Java-based metro application** utilizing **Dijkstra's algorithm** to efficiently compute the shortest path between source and destination stations, enhancing commuter convenience and **travel efficiency**.

INTERNSHIP

Borlaug Web services (Quantrello Digital Pvt Ltd)

06/2023 – 08/2023

- As an intern I developed an online education platform using several react components and also included a feature of video calling, with the help of webRTC, using tokenization

CERTIFICATIONS

- Introduction to ReactJS- Udemy
- Python Programming Introduction- Bolt IOT
- JAVA 17 MasterClass- Udemy
- Introduction to C++- NPTEL

EXTRACURRICULAR ACTIVITIES

- Active member of LITSOC- the Literary Society of IEST Shibpur with special interest in reading Greek & Roman Mythology along with science fiction
- Computer Gaming & Sketching