• Computer Gaming & Sketching

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

Bharatiya Vidya Bhavan CBSE XII Board- Percentage - 95%

Bharatiya Vidya Bhavan CBSE X Board - Percentage - 97.2%

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

## COURSEWORK & LANGUAGES

<ul> <li>Data Structures &amp; Algorithms</li> <li>DBMS</li> <li>Operating Systems</li> </ul>	<ul><li>Computer Networks and Security</li><li>Artificial Intelligence and Machine Learning</li></ul>	<ul> <li>OOPS Concept</li> <li>Cloud Computing and Web services</li> <li>C++,JAVA,Python</li> </ul>	• 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 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)

• 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

JAVA 17 MasterClass- Udemy
Introduction to C++- NPTEL

#### CERTIFICATIONS

- Introduction to ReactJS- Udemy
- Python Programming Introduction- Bolt IOT

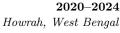
# EXTRACURRICULAR ACTIVITIES

• Active member of LITSOC- the Literary Society of IIEST Shibpur with special interest in reading Greek & Roman Mythology along with science fiction

Kolkata , West Bengal

**2018** Kolkata, West Bengal

06/2023 - 08/2023



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