

# Ujjal Roy

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## Objective

Looking for a challenging career which will demand the best of my professional ability in terms of technical and analytical skills, and helps me in enhancing my current skill and knowledge

## Education

- Central Institute of Technology, Kokrajhar**  
**M.Tech in Computer Science & Engineering** (*Pursuing*)  
*Kokrajhar, Assam*  
*2022-2024*  
  
**B.Tech in Computer Science & Engineering**  
*2019-2022*  
*Completed my Bachelor degree with 7.04 CGPA (First Class)*  
**Diploma in Computer Science & Engineering**  
*2016-2019*  
*Completed my Diploma with 7.3 CGPA (First Class)*
- BPCM Baby Land English Medium High School, Kokrajhar**  
*High School Leaving Certificate (HSLC), (First Class)*  
*Kokrajhar, Assam*  
*2016*

## Experience

- CIT Kokrajhar**  
*Course Instructor*  
*Kokrajhar, Assam*  
*Jan 2022 – June 2022*  
*Served as Course Instructor in 6 Months Computer Training Programme: Subungthi Sibinai. Providing training on Digital Literacy and Basic Computer Skill to the youth from adopted villages of Central Institute of Technology Kokrajhar under the Outreach Programme: Subungthi Sibinai.*
- CIT Kokrajhar**  
*Teaching Assistant*  
*Kokrajhar, Assam*  
*Jan 2023- June 2023*  
*Served as Teaching Assistant under Prasanta Baruah Sir responsible for taking Lab classes for the course DCSE272. Taught C Programming lab sessions for the 2nd Semester Diploma Students of (ECE, CE, FPT).*

## Skills

- Programming Languages:** C, C++, Java, Python, Solidity.
- Database:** MySQL
- Web Development:** HTML, CSS, JavaScript.
- Tools:** Git, LATEX

## Training, Workshop & Certification

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- **Python (Basic)** - HackerRank
- **Java (Basic)** - HackerRank
- **CyberArk Certified Trustee** - CyberArk
- **Network Security Associate (Level 2)** – Fortinet
- **One day Workshop on Ethical Hacking & Cyber Security**, Inspiria Knowledge Campus, Siliguri
- **BlockChain** - Internshala
- **15 day's training on Core Java**, MSME Tool Room, Kolkata.
- **Data Science Machine Learning and AI using Python** – Diginique Techlabs

## Projects

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- **AI and Blockchain Based Source code vulnerability Detection and Prevention system for Multi-party software development.**  
*(B.Tech final year project did in a group of three members under sir Dr. Pranav Kr. Singh, Assistant Prof. Department of CSE, CIT Kokrajhar)*
- **An approach towards improvement of 3DES cryptographic algorithm for information security.**  
*(B.Tech Mini- project did in a group of three members under madam Mrs. Tania Sarkar, Assistant Prof. Department of CSE, CIT Kokrajhar)*
- **Cryptographic Processes, Encryption and Decryption using DES algorithm**  
*(Diploma final project done in group of 2 students under Prof. Dr Hemanta Kumar Kalita Sir, Department of CSE, CIT Kokrajhar)*

## Area of Interest

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|--------------------|--------------------|
| • Blockchain       | • Network Security |
| • IOT              | • Cyber Security   |
| • Machine Learning |                    |

## Software & Platform

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|---------------------------|-----------------|
| • Linux OS (Kali, Ubuntu) | • Wireshark     |
| • VMware Workstation Pro  | • Ganache       |
| • Visual Studio & Code    | • OWASP ZAP     |
| • Microsoft Office        | • Nmap & Zenmap |

## Language

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- |            |           |
|------------|-----------|
| • English  | • Bengali |
| • Hindi    | • Bodo    |
| • Assamese |           |