Joydeep Banik

📞 +91-9674547511
🐙 https://github.com/Joydeep2005Banik

✉️ joydeepbanik41@gmail.com
🔗 www.linkedin.com/in/joydeep-banik-21aa80275

ABOUT ME

Electronics and Communication Engineering student with a focus on software development, cybersecurity, and embedded systems. Skilled in Python, Linux, and encryption, with hands-on experience in application development and digital security. Passionate about continuous learning, I share knowledge on cybersecurity through my YouTube channel, aiming to make complex concepts accessible to others. Driven, proactive, and eager to contribute to innovative tech solutions.

KEY COMPETENCIES

Software Development	C++ Programming	Natural Language Processing
Linux Expertise	C Programming	Object-Oriented Programming
Python	Data Structures and Algorithms	Git

PROFESSIONAL EXPERIENCE

CipherByte Technologies   **July 2024 - Aug 2024**

C++ Programming Intern

Developed software solutions, including a face detection system using OpenCV, interactive games like Tic-Tac-Toe, a student management system, and a GUI-based digital calculator. Applied my programming skills to design, implement, and refine functional applications, focusing on both back-end logic and user interface experience.

MyEquation   **Mar 2024 - June 2024**

Technical Content Curator

Crafted engaging educational content for students, including questionnaires, PowerPoint presentations, and other instructional materials. Leveraged my subject knowledge to design resources that enhance student understanding and learning outcomes, ensuring clarity and alignment with educational goals.

ACADEMIC PROJECTS

- Educational Ransomware: Developed a ransomware demo to illustrate cybersecurity principles and encryption.
- Web Scraper: Built a Python web scraper for automated data extraction and processing.
- Face Detection: Created a real-time face detection system using OpenCV.
- AI Chatbot for the Department of Justice: Designed a multilingual chatbot supporting 11 Indian languages for legal information access.

EDUCATION

Bachelor in Technology

Majors: Electronics and Communication Engineering
RCC Institute of Information Technology *(Aug 23-Aug 27)*

Higher Secondary

Kalyani Public School *(April 21 - April 23)*

Secondary

Kalyani Public School *(April 21 - April 23)*

EXTRACURRICULAR ACTIVITIES

Member, Google Developer Student Club-RCCIIT

Photography