

DEEPRO CHATTERJEE

Contact Details

Name: Deepro Chatterjee

Mobile: +91 70220 76222

Email:

deepro.chatterjee22@st.niituniversity.in

LinkedIn: [linkedin.com/in/deepro-chatterjee-40953b218](https://www.linkedin.com/in/deepro-chatterjee-40953b218)

Summary

Computer Science Third year student with strong foundation in software development, Web Technologies, Artificial Intelligence and Cybersecurity, with a keen interest in building efficient apps.

Technical Skills

- **Programming Languages:** Java, Python
- **Development & Design Tools:** Git, VS Code, Eclipse, Figma
- **Web Development:** React js, Express js, Node js, HTML, CSS, JavaScript.
- **Operating Systems:** Windows, Kali Linux, Ubuntu, MacOS, Android
- **Databases:** MySQL, MariaDB
- **Cybersecurity Tools:** Angry IP Scanner, Hashcat, Sublist3r
- **Networking Tools:** Cisco Packet Tracer

PROJECTS

Malware Detection using Machine Learning

Lead Cybersecurity-focused Group Project to develop a ML-powered malware detection system. Used Python for analyzing and classifying malicious files through feature extraction and behavioral patterns

Video Note-Making AI (Gemini API & FFmpeg)

Developed a Streamlit app that extracts insights from YouTube videos using FFmpeg for audio processing and the Gemini API for AI-generated notes. Enables quick and structured note-taking from video content.

Resume Parser (Hugging Face API)

Created a Flask-based resume parser using the Hugging Face API for NLP-driven data extraction. Designed a HTML, CSS, and JS interface to streamline applicant screening.

Smart Street Solar Light Systems (LUMOS)

Developed and debugged web-based interfaces for IoT-integrated smart solar street lighting systems using Java(Eclipse) .

EDUCATION

Bachelor of Computer Science and Engineering NIIT University, Neemrana, Rajasthan

ONGOING RESEARCH

Ethical use of AI in education.

EXTRACURRICULAR ACTIVITIES

Volunteer, NIIT Foundation : Taught effective English communication skills to underprivileged students.

Volunteer, Tedx NIIT University : Contributed web design ideas using VS Code and Figma.