

ALANKRIT SHARMA

B.Tech - Electronics and Communication Engineering

International Institute of Information Technology(IIIT) Naya Raipur, India

☎ +91-73769-61118 ✉ alankrit.off@gmail.com [in alankrit168](#)

EDUCATION

International Institute of Information Technology, Naya Raipur <i>Bachelor of Technology in Electronics and Communication Engineering (ECE)</i>	2022 – present
Lucknow Public College of Professional Studies, Lucknow <i>Senior Secondary (CBSE)</i>	2021
City Montessori School, Gomti Nagar-1, Lucknow <i>Secondary (ICSE)</i>	2019

PROJECTS

Guardian Of Things : An AI-Based IOT Guardian |

OpenAI API, NLP, Kali Linux tools (NMap, Wireshark, Burp Suite, etc)

- Developed a system using which an IoT device could be made safer using regression racing for "Red-Teaming" and "Blue-Teaming" simultaneously.
- A person just needs to ask the API to do a particular task like "Phishing" and all the tools used and information regarding the steps are shown on how to use them.

Smart Home Automation System |

Python, Raspberry Pi, Google API

- Developed a working prototype of Smart Home Automation System using a Raspberry Pi by integrating it with Google API for the same.
- Our prototype could control various electrical appliances like bulbs, fan and door openers by listening to instructions through a personal speaker. Additionally it could answer various questions from the web.

Real Time Emotion Detection System |

Python, Tensorflow, Convolutional Neural Networks (CNNs), OpenCV

- Live feed data is analysed using CNNs and feature extraction like "Haar Cascade" is used. This then returns the emotion which the person is experiencing.

TECHNICAL SKILLS

Languages: C, C++, Python, HTML, CSS, Javascript, SQL, MATLAB

Frameworks/Technologies: Git, GitHub, Kali Linux, Bootstrap, DOM Manipulation, jQuery, Node.js, Express.js, EJS, APIs, React.js, Data Structures, Google Workspace

Familiar With: Development, Leadership, Marketing, Communication, Interpersonal Relations

LEADERSHIP/ EXTRACURRICULAR

Technovate'24, IIIT Naya Raipur |

Core Member, Marketing Team and Event Head for Hack-o-Harbour(Hackathon)

- Helping in marketing and execution of central India's one of the most highlighted Techno-Cultural-Sports Fest.
- Marketing and conducting a 48 hour smooth flowing hackathon.

Ciphercell, IIIT Naya Raipur |

Vice Secretary

- Conducting workshops on Cyber Security on a regular basis in the institute.
- Conducting "Capture The Flag" events on a regular basis.

ACHIEVEMENTS

- Did well in various CTFs held at the college
- Various academic accolades
- Zonal Gold Medalist for basketball