



# Nitish Gupta

Roll No.: 22UCS142

Bachelors in Technology

Computer Science and Engineering

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Nitish-d-Great

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## EDUCATION

- The LNM Institute of Information Technology, Jaipur, Rajasthan** 2022 - Present  
B.Tech in Computer Science and Engineering CGPA: 6.13 (upto 6th Sem)
- Dr. Virendra Swarup Education Centre, Kidwai Nagar, Kanpur** 2021  
Indian Certificate for Secondary Education, Uttar Pradesh Percentage: 96

## EXPERIENCE

- LNMIIT Undergraduate Summer Internship Programme (LUSIP)** June - July 2024  
Blockchain Research Intern Jaipur
  - Utilized mathematical modeling techniques to represent smart contract behaviors and properties
  - Applied verification tools such as model checking to validate smart contract security and performance
  - Performed in-depth research on various topics and learned about multiple tools used in the formal verification of Smart Contracts
- LNM Hacks** January 2024  
Social Media Manager Jaipur
  - Managed Social Media for our annual Web3 Hackathon LNM Hacks 6.0
  - Led content strategy and execution for announcements, ensuring clarity, consistency and engagement

## PERSONAL PROJECTS

- Formal Analysis of Smart Contracts**  
Conducted formal analysis and verification of Solidity Smart Contracts using tools
  - Tools & technologies used: Mythril, Slither, Solidity, Python
  - Performed analysis of over 200 smart contracts to detect vulnerabilities within them
- zkCertify**  
Developed a project based on ZK which bridges the gap between recruiters and students during their placement season
  - Tools & technologies used: HTML, CSS, JavaScript, Solidity, Circom, NodeJS
  - Included features like Online Assessment, CGPA verification and AI implementation to generate questions for OA
  - Won the bounty on DeSci track by EDUChain in the ZK Online Hackathon for Web3 Builders
- zkVoting**  
A zero knowledge based project to conduct every sort of elections with full transparency
  - Tools & technologies used: HTML, Javascript, Circom, Solidity, ZKVerify, Blockchain
  - Created a dApp to conduct fair and transparent elections using Zero Knowledge concept
  - Won the first prize in the Open Innovation track at the LNM Hacks 7.0 hackathon

## TECHNICAL SKILLS AND INTERESTS

**Languages:** Solidity, Java, C, Circom, Kotlin

**Developer Tools:** HTML, CSS, JavaScript, React, Mythril, Slither

**Soft Skills:** Teamwork, Problem-Solving, Creativity, Critical Thinking, Leadership, Communication

**Coursework:** Computer Networks, Operating System, Computer Security

**Areas of Interest:** Blockchain, Smart Contract Security, Research, Competitive Programming, Content Writing

## POSITIONS OF RESPONSIBILITY

- Content Head, Sankalp Club, The LNMIIT** 2024-2025
- Social Media Manager, LNM Hacks 6.0, Plinth : Tech-Fest of The LNMIIT** Nov 2023 - Jan 2024
- Content Writing Lead, Desportivos : Sports Fest of The LNMIIT** Sept 2023 - Feb 2024
- Creative Head, Desportivos : Sports Fest of The LNMIIT** Sept 2024 - Feb 2025
- Active Member, National Service Scheme (NSS), The LNMIIT**

## ACHIEVEMENTS AND CERTIFICATIONS

- DeSci Track Bounty winner at ZK Online Hackathon** Won the DeSci track for the zkCertify Project
- Open Innovation Track winner at LNM Hacks 7.0** Won the Open Innovation track for the zkVoting Project
- Uniswap Hooks Incubator** Selected participant for developing a ZK-based MEV-resistant token swapping mechanism
- Techkriti Open School Championship, IIT Kanpur** Qualified for finals between top 50 teams from India
- Best Instrumental Music - Casio** Won the award for being the best Casio player of the school