

AMAN SAHU

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Summary

Passionate Electronics and Communication Engineering student at LNCT Bhopal with a strong foundation in both software and hardware domains. Proficient in C, C++, and Java, with practical knowledge of Data Structures and Algorithms (DSA) and Object-Oriented Programming (OOPs). Familiar with frontend technologies like HTML, CSS, and JavaScript. Eager to contribute to impactful software solutions while enhancing technical expertise in a dynamic, growth-driven environment.

Technical Skills

- C++
- Java
- DSA
- FRONTEND
- SQL
- MATLAB
- Microcontrollers

Internship Experience

05/2025 - 05/2025	Introduction To CyberSecurity Cisco Networking Academy
10/2024 - 10/2024	Java Training Infosys <ul style="list-style-type: none">• Built proficiency in Java programming, focusing on object-oriented programming, debugging, and optimization.• Worked on practical assignments and projects to solidify programming concepts.

Education

	Bachelor of Technology in Electronics and Communication Engineering Lakshmi Narayan College of Technology <ul style="list-style-type: none">• CGPA: 7.00
2022	Woods Heritage School <ul style="list-style-type: none">• Higher Secondary Education(10th)/ 65%• Senior Secondary Education (12th)/63%

Certifications

- Programming Using Java - Infosys
- Investment Banking Job Simulation - JP Morgan
- Introduction To Cybersecurity-Cisco Networking Academy

Projects

Automatic Fire Extinguisher:

A safety system that detects fire using sensors like heat or smoke detectors. It automatically activates to release extinguishing agents such as foam, gas, or powder. This quick response helps control fires without manual effort. It's widely used in places requiring immediate fire protection to minimize damage.

Piezo Electric Power Generator:

A device that converts mechanical stress or vibrations into electrical energy using piezoelectric materials. It harnesses energy from movements like walking or machinery vibrations to generate power. This renewable source is useful for low-power electronics and sensors. It's efficient, sustainable, and ideal for energy harvesting applications.

Amazon Clone

- An Amazon clone website built using HTML, CSS, and JavaScript to replicate core e-commerce features like product browsing, cart management, and order placement. This project highlights skills in responsive design, DOM manipulation, and user interaction. It demonstrates hands-on experience in frontend web development.