



Ayush Agarwal

Roll No.: 20244047

Bachelors of Technology

Electronics and Communication Engineering

Motilal Nehru National Institute of Technology Allahabad,

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

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| • Motilal Nehru National Institute of Technology Allahabad, Prayagraj | 2028 |
| Bachelors of Technology in Electronics and Communication Engineering | CGPA: 8.93 |
| • Seth M.R. Jaipuria School, Lucknow | 2023 |
| Indian School Certificate (ISC), Uttar Pradesh | Percentage: 98 |
| • Seth M.R. Jaipuria School, Lucknow | 2021 |
| Indian Certificate of Secondary Education (ICSE), Uttar Pradesh | Percentage: 96.8 |

PERSONAL PROJECTS

•Project Ultron

Developed an environmental monitoring system designed to track and analyze various environmental phenomena.

- Tools & technologies: React, Node.js, Python, PostgreSQL, Git, VS Code
- Used Google Earth Engine API to track the changes in an area in a specific time period.
- Freedom to select any quadrilateral over the map.
- Graphs and metrics as output, downloadable as PDFs.

•Campus Beacon

Developed a full-stack web application using Node.js and React.

- Tools & technologies: React, Node.js, PostgreSQL, Git, VS Code
- Designed the website and developed the front end.
- Implemented login, signup and user profile.
- Implemented WebSockets(P2P Chat System) and an AI chatbot.

CERTIFICATIONS

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| – Oracle Certified Foundations Associate (Credential: Verify) | Aug'2025 |
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TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, JavaScript, HTML/CSS, Java, Python

Developer Tools: Git/Github, Vercel, Render, VS Code, Figma

Frameworks: React, Node.js

Areas of Interest: Designing, Science Fiction, Gaming

POSITIONS OF RESPONSIBILITY

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|--|------------------|
| – Student Volunteer : MN-NIT Alumni Association | May'2025–Current |
| – Technical Team Lead : Scienza, Inter-School Science Event | Dec'2022 |

ACHIEVEMENTS

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| – Participant : Hack36 8.0, MN-NIT's Flagship Hackathon. | Apr'25 |
| – Secured 3rd Position : DevJam, MN-NIT's web development event. | Jan'25–Feb'25 |
| – Secured 14th Position : International Mathematics Championship by CampYellow. | Nov'22–Jan'23 |