

Ayush Jha

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Education

Motilal Nehru National Institute of Technology, Allahabad
Master of Computer Application. CGPA: 8.4

Prayagraj, UP
2023-2026

Institute of Innovation in Technology and Management
Bachelor of Computer Application. CGPA: 9.76

New Delhi
2019-2022

Vidya Bharti School
Senior Secondary Examination (CBSE). Percentage: 84.2%

New Delhi
2018

Vidya Bharti School
Secondary Examination (CBSE). CGPA: 10.0

New Delhi
2016

Projects

Nirog360 | Dispensary Management System

June, 2025

GitHub: [github.com/Ayushjha27/Nirog360](#)

- Developed a full-stack healthcare portal with **5+ key modules** (patient portal, prescriptions, appointments, inventory, and admin panel).
- Automated appointment email notifications with **Nodemailer**, reducing manual scheduling effort.
- Implemented **JWT-based authentication** and **role-based access**, ensuring secure multi-user access during testing.
- Designed REST APIs enabling **real-time** communication and **data sync** across patient and admin dashboards.
- **Tech Stack**: *React.js, Node.js, Express.js, MongoDB, JWT, Nodemailer*

TryNcompile | Online Code Compiler

March, 2025

GitHub: [github.com/Ayushjha27/TryNcompile](#)

- Built an online compiler supporting multiple languages, executing code in isolated Docker containers, with file I/O.
- Automated file lifecycle management to prevent storage bloat, reducing leftover files by **90% in test runs**.
- Integrated **AI-powered code review hints** and **PrismJS syntax highlighting** to improve debugging experience.
- Enhanced usability with **customizable dark/light themes**, improving readability across environments.
- **Tech Stack**: *Node.js, Express.js, Docker, HTML, Tailwind CSS, PrismJS.*

Achievements & Positions of Responsibility

Class Representative, IITM Delhi (2020–2022): Acted as a liaison between 60+ classmates and faculty.

Academic Excellence Award (2022): Ranked 1st in BCA program among 200+ students with CGPA 9.76/10.

Volunteer, Robin Hood Army (2022–2023): Organized and led 5+ food donation drives, distributing meals to 300+ underprivileged individuals across New Delhi.

Finalist – Pentathlon, Avishkar 2024: Secured Top 5 position in a competitive programming contest at MNNIT.

Technical Skills & Interests

Programming Languages: C, C++, JavaScript

Technologies: React.js, Node.js, Express.js, MongoDB, MySQL

Developer Tools: Visual Studio Code, Git, GitHub, Postman, MongoDB Atlas

Coursework: Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks

Interests: Chess, Badminton, Web Development

Coding Profiles

LeetCode: [ayushjha2712](#) | GFG: [ayush_jha27](#)