# AYUSH GUPTA

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## EDUCATION

| B.TECH(Computer Engineering) | 2022-2026 | Delhi Technological University, New Delhi | 9.50 |
|---|---|---|---|
| CBSE (Class XII) | 2022 | Navin Bharti Senior Secondary School | 96 % |
| CBSE (Class X) | 2020 | Navin Bharti Senior Secondary School | 97.83 % |

## EXPERIENCE

**Web Developer - Hostel Office, DTU**                              Sep 2023-Nov 2023
- Built a modular and scalable Hostel Management System, accessed daily by **2,000+** students.
- Achieved **90%** security compliance by implementing user authentication and session management.
- Developed a Node.js backend using Express, ensuring smooth integration with MongoDB.
- **Tech Stack:** Next.js, Node.js, TypeScript, Tailwind CSS, MongoDB.

## PROJECTS

**Invictus** | Github | Live Preview |
- Engineered a scalable registration system for **10,000+** attendees at our tech fest.
- Collaborated on the development of a user registration system by designing the database schema, building secure APIs, and reducing response time by **50%.**
- **Tech Stack:** JavaScript, CSS 3, Next.js, Tailwind CSS, MongoDB.

**MannNirvana** | Github | Live Preview |
- Created an AI-powered mental well-being platform used by **100+** users.
- Employed **Facebook RoBERTa** to block **98%** of hate speech, ensuring a safe space for users.
- Crafted Your Dost, an AI therapist enabling mental support with **90%** sentiment analysis accuracy.
- **Tech Stack:** React.js, Node.js, MongoDB

**CityPulse** | Github | Live Preview |
- Designed a web portal promoting the development of secure and intelligent urban landscapes.
- Implemented a React-built blogging section with WebSockets, surging user engagement by **70%**.
- **Tech Stack:** JavaScript, CSS 3, Node.js, Express.js, React.js, MongoDB.

## ACHIEVEMENTS AND AWARDS
- Secured **3rd Place** in an OOfy hackathon, leading the development of IntelliHire, view project.
- Solved **1,200+ questions** on Data Structures and Algorithms of varying difficulty on **Leetcode**.
- Achieved a maximum contest rating of **2160** on LeetCode, earning the title of **Guardian**.
- Finished in top **2%** in LeetCode Weekly Contest 393, securing a rank of **215**.
- Attained a maximum rating of **1757** with 3 stars on CodeChef.
- Reached a peak rating of **1423** on Codeforces, earning the title of **Specialist**.
- Contributed to Hacktoberfest 2023, merging **6 pull requests** into various open source projects.

## TECHNICAL SKILLS
**Key Courses:** Data Structures And Algorithms (DSA) | Object Oriented Programming (OOP) | Operating System (OS) | Database Management System (DBMS) | Computer Networks (CN)
**Programming :** C | C++ | Python | JavaScript | Standard Template Library (STL)
**Web Development:** Tailwind CSS | React.js | Next.js | Node.js | Express.js | HTML | CSS
**Databases:** MongoDB | MySQL
**Platforms and Tools:** Git/Github | Postman | Vercel | Render | Cloudinary | Visual Studio

## POSITIONS OF RESPONSIBILITY
**Technical Head** | Mathematics And Computing Society DTU
- Effectively led and collaborated with council members to steer a thriving society of **150+ members**.
- Hosted a successful online Capture the Flag event with **200+ participants**.