

AYUSH GUPTA

Delhi, India

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EDUCATION

Delhi Technological University, Delhi

CGPA - 9.58

Bachelor of Technology in Computer Science Engineering

November 2022 – May 2026

EXPERIENCE

Software Engineer Intern — Atlassian

June 2025 – July 2025

Bengaluru, India

- Designed a modular and extensible end-to-end (E2E) test framework for **Self-Hosted Sentry**.
- Implemented asynchronous execution to bring total test runtime down to **3 minutes**, and scheduled a cron job for continuous health monitoring and enhanced observability.
- Automated test workflows, boosting testing speed by **10 times**, and integrated them into CI/CD pipelines.
- Provisioned **SignalFx dashboards and detectors** using Terraform with CI/CD integration.

Tech Stack: Python, Pytest, Asyncio, Docker, Kubernetes, Bitbucket, SignalFx, Terraform, AWS, CI/CD.

PROJECTS

Hostel Management System | [Live](#)

- Built a scalable Hostel Management System for the Hostel Office, used daily by **2,000+** students.
- Developed a Node.js backend with Express and MongoDB, implementing **JWT-based authentication** with session management to achieve **90%** security compliance.

Tech Stack: Next.js, Node.js, TypeScript, Tailwind CSS, MongoDB.

Invictus | [Live](#) | [GitHub](#)

- Collaborated on the development of a scalable user registration system for **10,000+** tech fest attendees.
- Built **Rest APIs** using Next.js and MongoDB, optimizing DB schema to reduce response time by **50%**.

Tech Stack: JavaScript, CSS 3, Next.js, Tailwind CSS, MongoDB.

MannNirvana | [Live](#) | [GitHub](#)

- Created an AI-powered mental well-being platform used by **100+** users, providing personalized emotional support.
- Employed Facebook RoBERTa to block **98%** of hate speech, ensuring a safe space for users.
- Architected an AI therapist enabling mental support with **90%** sentiment analysis accuracy.

Tech Stack: React.js, Python, Node.js, MongoDB

SKILLS

- **Key Courses:** Object-Oriented Programming (OOP), Operating Systems (OS), Computer Networks (CN), Database Management System (DBMS)
- **Programming Languages:** C, C++, Python, JavaScript, TypeScript
- **Web Development:** Tailwind CSS, React.js, Next.js, Node.js, Express.js, HTML5, CSS3, REST APIs
- **Databases:** MongoDB, MySQL
- **Platforms & Tools:** Git, GitHub, Postman, Docker, Kubernetes, SignalFx, Vercel, Render, Cloudinary

ACADEMIC ACHIEVEMENTS AND AWARDS

- Secured 3rd Place in an OOfy hackathon, leading the development of IntelliHire.
- Solved **1,200+** questions on Data Structures and Algorithms of varying difficulty on Leetcode.
- Guardian at LeetCode with a **2160** max rating, ranked in the top **2%**.
- 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 **1450** on Codeforces, earning the title of **Specialist**.
- Contributed to Hacktoberfest 2023, merging 6 pull requests into various **open source projects**.

POSITIONS OF RESPONSIBILITY

Technical Head - Mathematics And Computing Society DTU

- Spearheaded and collaborated with council members to steer a thriving society of **150+** members.
- Hosted a successful online Capture the Flag event with **200+** participants.