

# Akshita Gupta

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## Education

**Oriental Group of Institutes, Bhopal**

**Bachelor of Technology** in Computer Science & Engineering

2021- 2025

CGPA 8.4

## Experience

**Indian Space Research Organisation (ISRO)** | R & D Intern

Oct 2024 - Feb 2025

SAC, Ahmedabad

- Developed and implemented algorithms for differential GNSS and **NavIC** in C, applying differential corrections to rover pseudo-range measurements to achieve decimeter-level accuracy.
- Estimated** corrected user positions using least squares estimation and stored them in CSV files for validation and analysis.

**HL Tech Pvt Ltd** | Software Developer Intern

Feb 2024 - Aug 2024

Bhopal

- Developed and **optimized** scalable, responsive web interfaces, significantly enhancing **user experience**.
- Managed **version control** and facilitated seamless team collaboration through GitHub, driving efficient project delivery and improving cross-functional coordination.

**Infosys Springboard** | Project Intern

Mar 2024 - June 2024

Hybrid

- Worked in an **Agile environment** to develop Python scripts utilizing OCR for automated cheque extraction, streamlining financial data processing.
- Managed **sprint-based tasks**, ensuring timely completion of project deliverables and enhancing team productivity through effective communication and continuous feedback.

## Projects

**Automatic Cheque Extraction from Scanned Documents** | Python

[Github](#)

- Developed a Python-based automated cheque text extraction system using **OCR**, reducing manual data entry and enhancing financial document processing.
- Integrated **real-time** progress updates and Excel export for improved productivity and user experience.

**Face Recognition Attendance System** | Python

[Github](#)

- Designed and deployed a **face recognition** attendance system using OpenCV, achieving 95%+ accuracy
- Integrated **voice alerts** to notify students upon successful attendance, enhancing user interaction and logs attendance with **timestamps**.

**Adhinanda NGO Website** | Frontend

[Github](#)

- Developed a **fully responsive**, performance-optimized NGO website.
- Operated features and database connectivity with **PHP and MySQL**, managing data for over 1,000 users.

## Skills

**Languages & Technologies:** Python, HTML5, CSS3, SQL, JavaScript

**Tools & Platform:** VS Code, Git, Github, Figma

**Coursework:** Database Management System, Object Oriented Programming, Software Engineering

## Leadership & Extracurricular

- Led** Central India's largest **Google Cloud Community Days** in Bhopal (2023 & 2024) with **500+ attendees**, served as [Social Media Manager](#) at GDG Cloud Bhopal, and [organized](#) the first edition of **Do Action Bhopal 24** by WordPress Bhopal.
- Secured **2nd** position at NEC in **E'Summit'23**, hosted by **IIT Bombay** showcasing strong project management and coordination skills as a Content Writer at Ecell OCT.
- Selected** as a mentee for Code in Place, an introductory coding course by **Stanford University**, among **80,000** applicants, demonstrating a commitment to advancing coding education.