

# DIYA GUPTA

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## EDUCATION

B.Tech (CSE)

Nov 2022-Jul 2026

HMRITM, GGSIPU, Delhi

CGPA - 8.9/10

## INTERNSHIP & TRAINING EXPERIENCE

### Smart India Hackathon – Grand Finalist 2x (2024,25)

Dec 2024 & Dec 2025

Front End Development

India (National Level)

- **SIH 2024:** Worked in a team of 6 to develop a real time **Geolocation based Attendance System**, reducing proxy attendance by **70%** and ensuring secure location-based user validation.
- Performed authentication workflows and an admin dashboard, improving attendance tracking efficiency by **40%**.
- **SIH 2025:** Contributed to the development of a **Mental Wellness Platform** for **10,000+** higher education students across India.
- Built a responsive Android frontend using Kotlin and Jetpack Compose, improving accessibility and supporting nationwide adoption.

### EMV Softwares Pvt. Ltd.

Aug 2025 – Nov 2025

Software Programming + Business Development Intern

Rohini, Delhi

- **Handled** business development responsibilities including client outreach, requirement understanding, and solution pitching, contributing to improved client engagement and conversion.
- **Contributed** to digital marketing initiatives by creating visual content, System flowcharts, and promotional designs using Canva, while strengthening core coding fundamentals.

### Delhi Metro Rail Corporation (DMRC) | SDE

Jun 2025 - Jul 2025

Software Development Intern

Mayur Vihar, Delhi

- Developed a **Vendor Empanelment Portal** using React and Node.js for real-time vendor application submission and tracking, with **2-factor authentication** reducing manual onboarding effort by **38%**.
- Designed a structured MySQL database schema and created **multi-level DFDs (Level 0, 1, 2)** for system workflow visualization, improving data organization.
- Collaborated with senior engineers to understand metro operations, signaling, and safety workflows, aligning technical implementation with real-world system requirements.

### Bharti Airtel Ltd

Apr 2025 - May 2025

Android Development Intern

Gurugram, Haryana

- Learned to enhance Android application features using **Kotlin**, **Jetpack Compose**, and MVVM architecture, improving UI responsiveness and maintainability while ensuring scalable code structure.
- Optimized application performance using Jetpack libraries and lifecycle components, reducing screen load time by **25%** and improving overall app stability and efficiency.

## PROJECTS

### Geolocation-Based Attendance System | [GitHub](#)

- Built the front end for a mobile application using Java that enabled real-time attendance tracking leveraging geolocation. The app ensured accurate verification of user presence within predefined locations.
- **Designed** an intuitive, user-friendly interface, enhancing user engagement.

### Aqua Sentials App for Villagers | [App](#)

- Built the front end for a Jetpack Compose based Android application using Kotlin to connect rural communities for self-reporting waterborne diseases.
- Focused on intuitive **UI architecture** and scalable design for community-level adoption.

### MindEase App for Students | [App](#)

- Developed an Android App for Mental Health tracking enabling students to access self-assessment and well-being support features.
- Built a user-friendly UI using Kotlin & Jetpack Compose, improving usability by **35%**

## TECHNICAL & SOFT SKILLS

**Tech Stack:** Kotlin (Jetpack Compose), Java, Data Structures and Algorithms, Python, C++, HTML, CSS, JavaScript, SQL

**Career Focus:** Currently focusing on strengthening backend development and API integration skills towards Full Stack Development

**Tools:** Android Studio, Visual Studio Code, IntelliJ IDEA, Power BI, Canva, MS Office

**Core Concepts:** Front End Mobile & Web-App Development, Operating Systems, Computer Networks, DSA, OOPS, DBMS

**Soft Skills:** Leadership, Communication, Teamwork, Sportsmanship, Quick Learner

## ACADEMIC & EXTRA-CURRICULAR ACHIEVEMENTS / CERTIFICATES

- **SIH ('24, '25):** 2x Smart India Hackathon Grand Finalist consecutively. | [Certificates](#)
- **Sports:** National-Level Bronze Medalist (Netball), College Golds (Chess, Tug of War, Javelin), Bronze (Shot Put)
- **Proximus + E-Cell HMRITM:** Organized multiple hackathons, workshops, and innovation challenges. | [Certificate](#)
- **Languages:** Java, Python, C++, IoT | [Certificates](#)
- **Tech Communities:** Actively participate in Microsoft Azure Community and Google Developer Groups (GDG) events.