DIYA GUPTA

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EDUCATION

B.Tech (CSE)	2022-2026	HMRITM, GGSIPU, Delhi	CGPA - 8.9

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 **Geofencing 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. | BDE   **Aug 2025 – Nov 2025**
Software Programming Intern   **Rohini, Delhi**

- **Handled** business development responsibilities including client outreach, requirement understanding, and solution pitching, contributing to improved client engagement and conversion.

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, reducing manual onboarding effort by **38%** and **2-factor authentication**.
- **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 by **50%.**

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

*Technologies used***:** *Android Studio, Kotlin, Jetpack Compose*

- 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 SKILLS

Tech Stack: Kotlin, Java, Data Structures and Algorithms, Python, C++, HTML, CSS, JavaScript, SQL

Tools: Android Studio, VS Code, Jetpack Compose, IntelliJ IDEA, Power BI, Canva

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

ACADEMIC & EXTRA-CURRICULAR ACHIEVEMENTS / CERTIFICATES

- **SIH ('24 ,'25) :** 2×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.
- **Languages -** Java, Python, C++ Certifications. | [Certificates](#)