DIYA GUPTA

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Education

HMR Institute of Technology and Management	**New Delhi, India**
Bachelor of Technology in Computer Science and Engineering; Expected Graduation: 2026, Current SGPA: 9.3	*2022 – 2026*
DAV Public School	**Rohini, Delhi, India**
Xth: 92% ; XIIth (CS): 80%	*May 2009 – Apr 2022*

Technical and Soft Skills

- **Tech Stack:** Kotlin, Java, Data Structures and Algorithms, Python, C++, SQL, HTML, CSS, Javascript
- **Frameworks & Tools:** Android Studio, VS Code, Jetpack Compose, Power BI, GitHub, REST APIs, Canva
- **Core Competencies:** Mobile App Development, API Integration, UI Design, Data Structures & Algorithms
- **Soft Skills:** Leadership, Communication, Problem Solving, Teamwork, Sportsmanship, Quick Learner

Experience

Smart India Hackathon'24 Finalist   **Aug 2024 – Dec 2024**
Front End App Development   *Jammu and Kashmir, India*

- Designed a **real-time attendance tracking system** using geofencing to authenticate users.
- Implemented core features such as geofencing, user authentication, and admin dashboard functionalities.
- Collaborated on coding, debugging, and optimization using **Java, Firebase, and REST APIs**.

Bharti Airtel Ltd   **Apr 2025 – May 2025**
Android Development Intern   *Gurugram, India*

- Enhanced Android apps using **Kotlin, Jetpack Compose, and MVVM architecture**.
- Optimized performance using Jetpack libraries and conducted thorough debugging cycles.

Delhi Metro Rail Corporation (DMRC)   **Jun 2025 – Jul 2025**
SDE Intern   *Mayur Vihar, Delhi, India*

- Developed a **Vendor Empanelment Portal** using React & Node.js for real time application submission and tracking.
- Designed the project's **database schema (MySQL)** and created multi-level DFDs (0,1,2) for process visualization.
- Collaborated with senior engineers to understand metro operations, signaling, and safety systems.

Proximus Technical Society   **Mar 2024 – May 2024**
Outreach Coordinator & Content Writer   *HMRITM, New Delhi*

- Coordinated PR and outreach for inter-college contests hosted on HackerRank.
- Led social media and email campaigns to increase student engagement and event participation.
- Managed content creation and event promotion within the technical society.

Projects

- **Geolocation-Based Attendance System (SIH'24):** Developed a mobile application using Java that enables real-time attendance tracking by leveraging geolocation. The app ensures accurate verification of user presence within predefined locations.
- **Aqua Sentials App:** Built a Jetpack Compose-based Android application connecting rural communities for self-reporting waterborne illnesses. Integrated an AI chatbot (JalJeevan) to provide guidance and raise awareness effectively.
- **RANI-Women Safety Web App:** Collaborated on a web application designed for women safety, enabling instant distress alerts. Implemented live navigation features to guide nearby users in providing immediate help when required.
- **Portfolio and Linktree:** Created a personal portfolio website to showcase projects, achievements, and professional experience. Consolidated all professional links on Linktree for easy access: linktr.ee/official_d.i.y.a26.

Certifications

- **CIET-NCERT:** Completed online training on Internet of Things (IoT) and Mobile Security.   *Sep 2023*
- **Rotary International:** Recognized for successfully managing and coordinating on-site events.   *2020–2021*
- **Accenture** and British Airways: Data Analytics and Visualization Job Simulation (Forage).   *Nov–Dec 2024*
- Java, Python, C++ Certifications.   *Various verified sources*

Extracurricular Activities

- **Proximus + E-Cell HMRITM:** Organized multiple hackathons, workshops, and innovation challenges.
- **Sports:** National-Level Bronze Medalist (Netball), College Golds (Chess & Tug of War), Bronze (Shot Put).
- **Tech Communities:** Active member of Microsoft Azure, Women Techmakers, and Google Developer Groups (GDG).