

# Kartikay Verma

☎ +91 8233722792

✉ kartikayverma56@gmail.com

🌐 linkedin.com/in/kartikayverma56

🐙 github.com/kartikayverma56

## Education

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**Birla Institute of Technology, Mesra** 2022 - 2026  
BTech in Computer Science **7.8 CGPA**

**Indian Institute of Technology, Madras** 2022 - 2026  
BS in Data Science & Programming **7.0 CGPA**

**Skills:** C/C++, Python, Machine Learning, HTML, CSS, JS, React, NodeJS, MongoDB

**Hobbies:** Chess, Badminton, Guitar, Rubik's Cube

**Courses:** Data Structures, OOPs, Computer Networks, DBMS, Operating System

## Project Experience

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**Smart EV Charging system** C++, LoRa Communication, Embedded Programming  
Developed a smart EV charging system using C++ on Heltec LoRa V3, integrating fingerprint, RFID, and LoRa for secure and remote access. Features real-time power monitoring, relay control, and OTA updates for efficient and scalable EV charging

**College TechFest Website** HTML, CSS, JavaScript, React  
Built and deployed a college techfest website on a live server, providing real-time event updates, registration functionality, and an interactive schedule. The website showcased event details, speaker profiles, and enabled seamless user engagement.

**Alumni Management System** MongoDB, Express.js, React, Node.js  
Developed an Alumni Management System using the MERN stack, enabling alumni to connect, network, and participate in events. The platform features secure authentication, event management, discussion forums, and real-time chat to enhance engagement

## Leadership Experience

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**TechVerse - Co-Lead** August 2023 - August 2024  
Managed a team of 40+ members to successfully execute 15+ events, achieving a 25% growth in attendance through innovative planning and seamless coordination.

**Google Developer Groups - Co-Organizer** August 2024 - Present  
Successfully organized 10+ events, leading a team of over 50 members. Achieved a 20% increase in attendance through effective team coordination and strategic planning.

**Computer Society Of India - Head Coordinator** August 2024 - Present  
Successfully organized events for 200+ attendees at BIT Mesra, Jaipur Campus.

**Technical Committee - TechVibes Head Coordinator** January 2024 - Present  
Successfully organized a college techfest themed "Multiverse of AI," attracting over 300 students. Managed event coordination, workshops, and activities centered around AI, fostering engagement and learning in emerging technologies.

**Entrepreneurship Cell - Vice President** October 2024 - Present  
Led the Entrepreneurship Cell, organizing initiatives to foster innovation and entrepreneurial thinking among students. Conducted workshops, guest lectures, and startup competitions, providing resources and mentorship to aspiring entrepreneurs and creating a vibrant startup culture on campus.