

ANSHUMAN SINGH

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Education

IEC College of Engineering & Technology

BTech in Computer Science Engineering

Aug 2022 – Jul 2026

Greater Noida, UP

Experience

Motion Cut

Frontend Development Intern

Oct 2022 – Nov 2024

Remote

- Engineered 3 **responsive, cross-browser websites** with HTML, CSS, JavaScript, and Bootstrap, boosting accessibility compliance.
- Streamlined page architecture and stylesheets, cutting load time by **40%** and improving interaction speed.
- Created modular, reusable React components that increased session duration by **40%** and user engagement consistency.

Google Developer Group

Competitive Programming Lead

Oct 2024 – Aug 2025

- Orchestrated technical infrastructure for **Dev Fest** and 4+ events.

Organizer

Aug 2025 – Present

- Conducted and managed **multiple technical events and workshops**, ensuring smooth execution and high student participation.
- Motivated and guided students to actively engage in **coding, problem-solving, and community learning initiatives**.

Projects

Secure ATM Transaction System | Java, OOP

June 2025

- Developed a secure ATM simulation with **2-step authentication**, PIN verification, and transaction history tracking.
- Applied **OOP and SDLC methodologies** to create modular, scalable, and easily testable workflows.

Campus Connect Community Platform | HTML, CSS, JavaScript, Firebase IDX, Gemini API, Fire store

June 2025

- Built a community platform for students to connect with 15+ **tech communities** and join **real-time events**.
- Integrated **Fire store** for live, query-optimized listings, increasing participation by **50%**.
- Simplified event discovery and registration, reducing time-to-registration by **35%**.

Tech Deck – AI Developer Toolkit | HTML, CSS, JavaScript, Firebase IDX, Fire store, Gemini API

July 2025

- Created an **AI-powered toolkit** with 10+ developer tools (Interview Prep, API Tester, Markdown Previewer).
- Implemented **Gemini API** for real-time Q&A and automated tool generation, decreasing latency by **42%**.
- Achieved **120+ active users** in the first month via Enhanced UX and asynchronous API calls.

RESEARCH PUBLICATION

Campus Fusion: A Unified Digital Framework for Collaborative Learning and Campus Engagement

Dec 2025

- Proposed a unified digital framework to enhance student collaboration, academic continuity, and campus engagement.
- Analyzed limitations of fragmented campus tools and demonstrated improvements in communication and participation.

Technical Skills

Languages: C++, Java, JavaScript, HTML, CSS

Frameworks & Libraries: JDBC, ReactJS, Node.js, Bootstrap

Databases: MySQL, Fire store, Firebase Realtime DB

Developer Tools: Firebase IDX, VS Code, GitHub, Figma, GitHub Actions

Concepts: JDBC, OOP, REST APIs, JWT Authentication, Agile, SDLC, JSON, HTTP, API Integration, Debugging, Data Structures & Algorithms, Responsive UI, Accessibility, CI/CD

Certificates

- JavaScript Certification** – Infosys Springboard – 2024
- ReactJS Certification** – Infosys Springboard – 2024
- Full Stack Web Development** – Soft pro India – 2025
- Generative AI Study Jam 2024** – Cohort 2 – GDG On Campus, IEC College – 2025
- Java Programming Certification** – Let's Upgrade – 2025

Achievements

- Finalist** – Clash of Codes Hackathon (Microsoft Office) — Ranked **Top 16/265** teams for delivering an innovative solution.
- Finalist** – Felicity Hackathon (IIIT Hyderabad) — Ranked **Top 20/1025** teams and built a production-ready prototype.
- Solved **80+ Data Structures & Algorithms** challenges on Leet Code.
- Recognized by faculty for **outstanding technical leadership** and contribution to 10+ student innovation initiatives.