

HEMANT ARORA

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PROFESSIONAL SUMMARY

B. Tech student in Computer Science with experience in full-stack development and software design. Skilled in Java, Python, React.js, and MySQL, with a focus on building scalable applications and improving system performance. Experienced in working on development projects and implementing efficient solutions to enhance software functionality.

EXPERIENCE

Software Development Intern

Jun'24 - July'24

Aikav Technologies Pvt. Ltd., Noida

- Developed and optimized Java-based software, reducing processing time by 8% and improving user response rates.
- Collaborated with cross-functional teams to develop, test, and deploy features aligned with client requirements.
- Performed software testing and debugging, identifying and resolving 10+ issues to ensure application stability.

EDUCATION

The NorthCap University - B. Tech in Computer Science Engineering (CGPA: 7.64)

2022 - 2026

GD Goenka Public School, Sector 48, Gurugram – Class XII: 77%, Class X: 75%

2020 - 2022

PROJECTS

Interior Designing Application

Tech Stack: Next.JS, React.JS, TypeScript, Three.JS

- Engineered a 3D home design application that allows users to create, customize, and visualize interior layouts in real-time.
- Implemented interactive drag-and-drop features to place furniture, adjust dimensions, and modify room layouts.
- Integrated Three.js for rendering realistic 3D models, enhancing the user experience with smooth navigation.

Hospital Management System

Tech Stack: Java, JSP, HTML, CSS, JavaScript, MySQL

- Developed a full-stack Hospital Management System using Java, JSP, and MySQL, enabling efficient patient record management and appointment scheduling.
- Enforced role-based authentication for doctors, patients, and administrators, ensuring secure access and data privacy.
- Optimized database queries and backend logic, improving system performance and reducing response time for medical data retrieval.

SKILLS

Programming Languages: Java, Python, C

Frontend Development: HTML, CSS, JavaScript, TypeScript, React.JS, Next.JS, Three.JS, ShadCN

Backend Development: Node.JS, Django, REST APIs

Database: MySQL, MongoDB, Oracle

Tools & Platforms: Postman (API Testing), Git, GitHub

Others: Adobe Creative Cloud, Data Structures & Algorithms

Soft Skills: Communication, Leadership, Analytical Thinking

CERTIFICATIONS

- Python Full Stack Developer Course – Ducat (2025)
- AWS Certified Cloud Practitioner – Amazon Web Services (2025)
- Data Structures in Java – Preplnsta Prime (2025)
- AWS Services Fundamentals – Simplilearn (2024)
- Java Fundamentals – Oracle (2024)

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Student Coordinator

Sept'24 - Present

Center of Professional Attachment and Alumni Engagement (CPAAE)

- Coordinated 5+ placement drives, ensuring smooth interaction between recruiters and students.
- Managed seminar logistics, handling registrations, crowd management, and overall event coordination.

Content Team Lead

March'23 - Present

Prayaas Club NCU

- Led content creation for Prayaas NCU, managing social media posts, event write-ups, and promotional material.
- Collaborated with design and event teams to align content with club goals and boost engagement.

HOBBIES

- Public Speaking
- Watching sitcoms
- Table Tennis