

Aman Vishwakarma

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PROFILE SUMMARY

Computer Science undergraduate with strong expertise in Data Structures, full stack web development. Passionate about building scalable applications and solving real-world problems. Seeking opportunities to apply backend and frontend development skills in impactful projects.

EDUCATION

B.Tech. Computer Science and Engineering

Noida Institute of Information Technology, Greater Noida

Oct. 2023 - Present

CGPA - 7.6/10.00

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript, SQL.

Core Computer Science: Data Structures and Algorithms, Object-Oriented Programming, DBMS.

Frontend Development: HTML, CSS, JavaScript, React.js, UI/UX Principles.

Backend Development: Node.js, Express.js, RESTful API Design, Middleware Architecture.

Databases & Storage: MongoDB.

Competitive Programming: Solved 150+ LeetCode problems across Arrays, Strings, LinkedList, Trees, Stack.

Tools: Git, GitHub, VS Code, Eclipse.

PROJECTS

Disaster Preparedness and Emergency Response System (SIH Project)

[Live](#) | [GitHub](#)

- Built a disaster preparedness platform providing alerts, safety guidelines, and emergency resources.
- Structured real-time data for faster access during emergency situations.
- Designed an accessible and user-friendly interface for improved usability.
- Collaborated with a team during internal Smart India Hackathon.

Urban Real Estate Price Predictor (UREI)

[Live](#) | [GitHub](#)

- Built an AI-powered web application for urban property price prediction.
- Applied PCA and Ensemble Regression models for improved prediction accuracy.
- Integrated a Flask backend with a responsive HTML, CSS, and JavaScript frontend.
- Deployed the application on Vercel and Render.

Personal Portfolio Website

[Live](#) | [GitHub](#)

- Developed a responsive portfolio using HTML, CSS, and JavaScript.
- Showcased projects, skills, certifications, and achievements.
- Integrated an AI chatbot powered by a Markdown knowledge base.
- Deployed on a custom domain with GitHub-based version control.

HACKATHONS & ACHIEVEMENTS

Bhartiy Antariksha Hackathon (ISRO): Participated in a national-level hackathon.

IIT Roorkee E-Summit 2026: National Finalist.

Smart India Hackathon 2025: Cleared internal round.

HCLTech Artificial Intelligence: Project Based Internship Program.

CERTIFICATIONS

AWS Solutions Architecture Virtual Experience Program – Forage

HCLTech Artificial Intelligence Certificate

ISRO Antriksha Hackathon Participation Certificate

IIT Roorkee E-Summit CaseQuest Finalist Certificate