

Shantanu Kumar

BCA Final year | Amity University, Jharkhand

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Summary

Final-year BCA student with a strong foundation in computer science and a passion for problem-solving and innovation. Skilled in Data Structures and Algorithms (DSA), programming, data analysis, and web development. Eager to apply and grow these skills through impactful opportunities in the IT industry.

Academics

Bachelor's In Computer Applications - Amity University, Jharkhand | 2023 – 2026 | CGPA: 8.42

Senior Secondary (XII) – DAV Public School Kedla | 2023 | 67.70%

Secondary (X) - DAV Public School Kedla | 2021 | 67.70%

Technical Skills & Certification

Languages: Java, Python, SQL, C/C++

Web Technologies: HTML, CSS, JavaScript, React.js, Node.js, Express.js

Tools: Git, GitHub, Linux, Distributed System, MS Excel

Concepts: Data Structures & Algorithms, DBMS, OOP, Cybersecurity Fundamentals, AI/ML

Experience

- IoT and Data Analytics Intern – NIT Rourkela** | July 10, 2025 to August 10 2025
Completed a two-month internship on IoT and Data Analytics at NIT Rourkela. Worked on sensor integration, real-time data collection, and cloud-based analysis. Gained hands-on experience with Python, ThingSpeak, and MATLAB, contributing to a smart environment monitoring project under faculty guidance
- Freelance Web Developer (2024 - Present):** Built websites for friends & small businesses using the MERN stack, focusing on responsive design, SEO, and performance.

Projects

- QuickShow** – Online Movie Ticket Booking Website (MERN Stack)
Built and Deployed a responsive full-stack web app with user authentication, real-time seat selection, and dynamic movie listings. Integrated an admin panel for managing shows and movies, with a simulated payment gateway using RESTful APIs. | **Live** : <https://quickshow-client-rose.vercel.app>
- My Portfolio Website** - Developed a responsive personal portfolio website using HTML, CSS, and JavaScript to showcase skills and projects. Implemented a theme switcher and optimized the layout for all screen sizes, focusing on clean UI and interactivity. | **Live** : <https://shantanu-jha-1831.github.io/My-Portfolio/>
- Real Time Chatting application - QuickChat** – Developed and deployed a real-time chat application using MERN stack and Socket.IO with features like instant messaging, user authentication, and online status. Hosted frontend on Vercel.
Tech Stack: React, Node.js, Express, MongoDB, Socket.IO | **Live** : <https://quick-chat-client.vercel.app>

Certifications

MERN Stack(-by Apna College) | DSA Using Java (-by Apna College) | AI for Beginners – HP Life

Achievements & Positions of Responsibility

Amity Institute of Information and Technology | Active Member, **IDE Bootcamp (2025)** | Winner & Runner-Up, Intra-College **Hackathons & Idea Presentation Competitions** | **Event Manager** – Organized multiple tech events in college | Conducted coding workshops and mentoring sessions for juniors | **Managed an esports organization** "Being Officials" (2022–2024) | Winner in Sketching Competitions. | Active Participant in **Competitive Programming** on LeetCode.