

# Deepanshu Kumar

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## SUMMARY

Detail-oriented software engineer with hands-on experience in Web development and Software development and proficiency in data structures and algorithms. Demonstrated expertise in building scalable web applications using React, Java, Python, and blockchain. Passionate about creating intuitive user experiences and solving complex technical challenges. Proven track record through multiple internships and project implementations including blockchain-based systems and e-learning platforms.

## EDUCATION

<b>Amity University Online</b> <i>Master of Business Administration - Information Technology Management</i>	Expected 2027 <i>Pursuing</i>
<b>ABES Institute of Technology (AKTU)</b> <i>Bachelor of Technology in Information Technology</i>	2021 – 2025 <i>Ghaziabad, UP</i>
<b>C.S.H.P. Public School (CBSE)</b> <i>Intermediate - PCM</i>	2021 <i>Grade XII</i>

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C, PHP, JavaScript (ES6+), HTML5, CSS3  
**Frameworks & Libraries:** React, NumPy, Pandas, Blockchain fundamentals  
**Core Competencies:** Data Structures & Algorithms, Object-Oriented Programming, Database Management  
**Tools & Technologies:** Git/GitHub, Power BI, MySQL, Visual Studio Code, Sublime Text, Canva, Responsive Web Design, Agile Methodologies

## EXPERIENCE

<b>Web Development Intern</b> <i>Next24tech Technology &amp; Services</i>	July 2024 – September 2024 <i>Maharashtra, India (Remote)</i>
<ul style="list-style-type: none"><li>Developed and deployed responsive web applications using modern frontend technologies and best practices</li><li>Collaborated with cross-functional teams to implement user-centric features and optimize application performance</li><li>Debugged and resolved critical issues in production environments, improving overall system reliability</li><li>Participated in code reviews and contributed to establishing coding standards for the development team</li></ul>	
<b>Java Programming Intern</b> <i>CodSoft</i>	July 2024 – August 2024 <i>India (Remote)</i>
<ul style="list-style-type: none"><li>Designed and implemented Java-based solutions applying core OOP principles and design patterns</li><li>Built scalable backend systems with efficient algorithms, reducing processing time</li><li>Completed real-world projects demonstrating proficiency in Java fundamentals and problem-solving abilities</li></ul>	

## PROJECTS

<b>BlockAid - Blockchain-Based NGO Funding Transparency System</b>   <i>React, Web3, Blockchain</i>	GitHub
<ul style="list-style-type: none"><li>Architected and developed a decentralized platform enabling transparent NGO funding using blockchain technology (PoS consensus algorithm)</li><li>Implemented real-time transaction tracking with immutable ledger records, ensuring 100% donor transparency</li><li>Built responsive React UI with seamless wallet integration, deployed as final year capstone project</li><li>Designed smart contract architecture for secure fund distribution with automated verification mechanisms</li></ul>	
<b>Syntax Sphere - E-Learning Platform</b>   <i>React, JavaScript, HTML5, CSS3</i>	GitHub
<ul style="list-style-type: none"><li>Developed full-featured e-learning platform with user authentication and course management systems</li><li>Integrated video streaming capabilities with progress tracking and assessment modules for enhanced learning</li><li>Created intuitive, mobile-responsive interface serving 100+ concurrent users with optimized load times</li></ul>	
<b>Cycle Sustain Now - E-Waste Recycling Website</b>   <i>PHP, MySQL, HTML, CSS</i>	GitHub
<ul style="list-style-type: none"><li>Built full-stack web application for e-waste management with robust backend data processing capabilities</li><li>Implemented secure database architecture for visitor information management and recycling logistics</li><li>Represented project at CODE-A-THON 2.0 hackathon at ABESIT, demonstrating technical innovation</li></ul>	

## CERTIFICATIONS & ACHIEVEMENTS

**Certifications:** Python Basic (HackerRank) | Core Java and OOPs (ABESIT) | Python with DSA Bootcamp (Udemy) | Python Internship (Code Clouse)  
**Achievements:** National Level Cesteball & Netball Player | District Level Handball Champion

## ADDITIONAL & INFORMATION

**Language:** Hindi | English  
**Soft Skills:** Leadership | Creativity | Teamwork | Time Management | Active Listening  
**Hobbies:** Playing Sports | Gaming | Singing