

General & Motivational Questions

Q: Can you walk me through your resume?

A: Sure. I'm currently pursuing my MCA from the University of Engineering and Management, Kolkata. I completed my BCA from Panskura Banamali College in 2023. I'm passionate about backend development, especially with Python and Django. I've built full-stack projects like Upgrade Lab and Namaste, showcasing my abilities in web development, real-time communication, and API integration. I also led a team in a hackathon where we won the "Most Innovative Solution" award for building a digital vaccination card system. I continuously seek opportunities to grow and learn in fast-paced environments.

Q: What motivated you to pursue a career in backend development?

A: I enjoy solving complex logic and structuring data effectively, which naturally drew me to backend development. The ability to build secure, scalable systems that power applications behind the scenes is both challenging and rewarding for me.

Q: Why are you interested in working in the IT industry?

A: Technology constantly evolves, and I'm drawn to the dynamic nature of the IT industry. I want to contribute to impactful solutions that make people's lives easier and stay engaged with cutting-edge tools and innovations.

Q: What are your long-term career goals?

A: I aim to become a senior backend engineer, leading tech teams and designing scalable architectures. Long term, I'd like to contribute to open-source and maybe even mentor budding developers.

Q: How do you stay updated with the latest tech trends?

A: I follow tech communities on GitHub, read blogs like Real Python and DEV.to, and regularly

explore updates on platforms like Medium, YouTube, and Stack Overflow.

Education-Related Questions

Q: What key skills did you gain during your MCA and BCA studies?

A: I gained a solid foundation in programming, algorithms, and data structures. I also learned the importance of software design patterns, database management, and teamwork through group assignments and labs.

Q: How did your academic background help you in your projects?

A: My courses taught me core concepts in Python, SQL, and data structures, which I directly applied in real-world projects like Upgrade Lab and Namaste. My academic training also helped me write clean, maintainable code and follow structured development practices.

Q: Can you share any academic project you're particularly proud of?

A: Upgrade Lab stands out-it was built as part of my learning journey. It's a complete platform that allows code execution, Git integration, and even chatbot support. It helped me integrate a wide range of technologies and manage deployment on AWS.