

# ***RICHA RATHI QUESTIONS***

Based on the provided JSON data and theme, I'll create a customized podcast questionnaire tailored specifically to the guest's profile. Here are 25 unique and meaningful questions that cover all key aspects of the guest's profile:

## **\*\*Introduction\*\***

1. Welcome, [Guest Name], to our podcast! Can you tell us a bit about yourself and your background in technology?

## **\*\*Education\*\***

2. What inspired you to pursue a degree in Electronics and Telecommunication from MKSSS's Cummins College of Engineering for Women?
3. How did your academic experience shape your understanding of the intersection of technology and innovation?

## **\*\*Projects\*\***

4. Can you walk us through your Generic File Base Database Management System project on GitHub? What problem were you trying to solve, and how did you approach it?
5. How does your CertiGen - Certificate Generator project showcase your skills in Java and HTML/CSS?
6. What was the most challenging part of developing a Java DataFrame library similar to Python's Pandas for tasks like sorting, filtering, and CSV handling?
7. Can you explain how you made a loan classification model with 98.1% accuracy using SVM, Random Forest, Linear Regression, and preprocessing?

## **\*\*Achievements\*\***

8. Congratulations on solving over 400 problems on LeetCode! What strategies do you use to tackle complex coding challenges?
9. How did earning two '5 Stars' badges and certificates in Java, SQL, Problem Solving, and Software Engineer Intern on HackerRank impact your confidence as a developer?
10. Can you share the story behind your Teachnook Certification in Web Development from IIT Bhubaneswar?

## **\*\*Work Experience\*\***

11. What was your experience like interning at Microsoft and Wells Fargo during the Summer of 2025? How did this opportunity shape your understanding of the industry?
12. As a Mentee at Codess Cafe, what skills or knowledge did you gain from this experience, and how has it influenced your approach to problem-solving?

## **\*\*Skills\*\***

13. Can you walk us through your proficiency in C, Java, Machine Learning, HTML/CSS, JDBC, Tableau & Power BI? How do these skills intersect with each other?
14. How does your familiarity with JavaScript, Python, JDBC, and SQL enhance your ability to tackle complex coding challenges?

## **\*\*Certifications\*\***

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15. Can you explain the significance of your Loop Buffer 4.0 - 1st place in First Year Category and Loop Buffer 5.0 - 1st place in Second Year Category achievements?

16. How has your Teachnook Certification in Web Development from IIT Bhubaneswar impacted your approach to web development?

## **\*\*Innovative Pursuits\*\***

17. Can you share your experience participating in Hacktoberfest, Code-IT (ACM), Dassault Hackathon, Barclays Hackathon, DSA Craft (Innovation 2024), and Vizathon 2.0 (VIIT)?

18. How do these experiences contribute to your understanding of innovation and problem-solving?

## **\*\*Organization\*\***

19. As a member of the AICS - Artificial Intelligence and Computer Vision Society, what role did you play in the PR and Sponsorship Team?

20. Can you explain how this experience has shaped your perspective on the intersection of technology and society?

## **\*\*Conclusion\*\***

21. Looking back on your journey, what advice would you give to aspiring developers or innovators?

22. How do you stay current with advancements in AI, machine learning, and other emerging technologies?

23. What's one project or idea that you're currently working on, and how does it align with your values and goals?

## **\*\*Technical Insights\*\***

24. Can you share a recent breakthrough or discovery in the field of AI or machine learning that excites you?

25. How do you envision the future of technology impacting society, and what role do you see yourself playing in shaping this future?

These questions are designed to delve into [Guest Name]'s experiences, skills, and perspectives on innovation, problem-solving, and technology. The podcast will provide a unique opportunity for listeners to gain insights from a talented developer and innovator.