BerriMasterMind | **Interview Report**

Candidate Details

Name:
KUSHAGRA SISODIA

Email:
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Mobile:
919000000000

Interview Date and Time:
2025-07-01
04:10 PM to 05:00 PM

Resume Match:
85%

Client Details

VIT
Company Name

BTech CSE
Job Title

Hiring Details

7.3/10
Interview Performance

Recommended
Hiring Decision

Feedback

KUSHAGRA SISODIA's strengths were demonstrated in the areas of front-end optimization techniques and coding efficiency, particularly in calculating the least common multiple. Attention is needed in communication clarity and understanding of database normalization concepts, as evidenced by the responses on the Second Normal Form and digital certificates.

Areas For Improvement:

1.Communication skills: Enhance clarity and coherence in verbal responses during interviews.

2.Technical accuracy: Ensure precise and complete explanations of technical concepts and solutions.

3.Confidence: Practice delivering answers fluently with assertiveness and strong articulation.

Communication

Competencies

71.67 / 100 | Proficient

Pronunciation	**75 / 100**	Fluency	**65 / 100**	Active Listening	**75 / 100**
Spoken English Understanding	**85 / 100**	Vocabulary	**65 / 100**	Grammar	**65 / 100**

Skill specific Rating

Skill	Rating	Feedback
Verbal Communication	7.0 / 10	Good
Background and Experience	8.7 / 10	Good
Data Structures and Algorithms	7.7 / 10	Good
Operating Systems	7.0 / 10	Good
Database Systems	6.5 / 10	Average
Computer Networks	7.0 / 10	Good
Object-Oriented Programming	7.0 / 10	Good
Coding	7.5 / 10	Good

Questions and Evaluation

Asked Questions	Skill Matched
Could you please introduce yourself and share a bit about your professional journey till now?	Verbal Communication
Can you share an instance when you felt genuinely proud of the technical contribution you made to a project or task?	Verbal Communication
Can you elaborate on the front-end optimization techniques you utilized at Parth Universal Pvt. Ltd. to improve load times and reduce JavaScript bundle size?	Background and Experience
Can you describe your experience with JWT Authentication during the full-stack development of the PACERQuest application and how it contributed to the security of the application?	Background and Experience
What is a base case in recursion, and why is it essential?	Data Structures and Algorithms
What is a priority queue and how does it differ from a regular queue?	Data Structures and Algorithms
Explain how load factor affects the performance of a hash table.	Data Structures and Algorithms
Describe the problem of race conditions.	Operating Systems
What is starvation in process scheduling?	Operating Systems
Explain the Second Normal Form (2NF).	Database Systems
Explain the Consistency property with an example.	Database Systems
What is a digital certificate in network security?	Computer Networks
What is the Singleton pattern intended to solve?	Object-Oriented Programming
How can assertions be used to find logical errors early?	Object-Oriented Programming
Find the intersection of two arrays.	Coding
Calculate the least common multiple of two numbers.	Coding

Technical competencies

Verbal Communication

7 / 10

The verbal communication of KUSHAGRA SISODIA was characterized by inconsistent pronunciation and frequent filler words, impacting fluency and clarity. However, the responses demonstrated a strong grasp of technical concepts, though coherence and relevance were occasionally compromised by repetitive and fragmented explanations.

Background and Experience

8.7 / 10

Kushagra Sisodia's background and experience in front-end optimization at Parth Universal Pvt. Ltd. have been demonstrated with proficiency, particularly through the implementation of code splitting and lazy loading techniques. The effective use of React lazy loading and dynamic statements to split code by route and component, as well as the creation of reusable React components, has been noted as a significant strength, resulting in a 25% reduction in JavaScript bundle size and a 45% improvement in initial load time. Minor improvements could be made in articulating these achievements more clearly and concisely to further enhance the presentation of his technical expertise.

Data Structures and Algorithms

7.7 / 10

Kushagra Sisodia's understanding of recursion's base case is commendable, as the explanation effectively captures its necessity for preventing indefinite calls and ensuring function reliability. The explanation of priority queues was well-articulated, highlighting the distinction from regular queues and the importance of priority-based processing, though a slightly clearer structure could enhance clarity. While the concept of load factor in hash tables was addressed accurately, a more concise explanation would improve the delivery of key points.

Operating Systems

7.0 / 10

Kushagra Sisodia's understanding of race conditions in operating systems was demonstrated effectively, with a clear explanation of the problem and the role of synchronization mechanisms like locks and semaphores. However, the response could benefit from a more structured presentation to enhance clarity. The explanation of starvation in process scheduling was well-articulated, highlighting the issue of indefinite blocking and the impact of priority-based scheduling, though a more concise delivery would improve the overall response.

Database Systems

6.5 / 10

Kushagra Sisodia's understanding of the Second Normal Form (2NF) in database systems was noted to be partially correct, with a basic grasp of its dependency requirements on the primary key. However, the explanation lacked clarity and coherence, indicating a need for a more structured understanding of 2NF. The explanation of the Consistency property was more comprehensive, effectively illustrating the concept with an example, though further refinement in articulating complex ideas could enhance clarity.

Computer Networks

7.0 / 10

Kushagra Sisodia's understanding of digital certificates in network security has been demonstrated with a clear explanation of their role in verifying identities and ensuring secure communication. The response effectively highlighted the involvement of Certificate Authorities (CAs) and the process of binding public keys to identities. However, the explanation could be refined for clarity and conciseness to enhance comprehension.

Object-Oriented Programming

7.0 / 10

Kushagra Sisodia's understanding of the Singleton pattern in Object-Oriented Programming is demonstrated by his ability to recall key concepts such as ensuring a single instance and providing a global access point, which are crucial for managing shared resources. However, clarity in articulation and precision in terminology could be enhanced to improve the explanation further. The explanation of assertions indicates a solid grasp of their role in debugging and testing, though a more structured response would strengthen the presentation of this knowledge.

Coding

7.5 / 10

KUSHAGRA SISODIA's coding skills have been demonstrated with a strong grasp of mathematical functions, as seen in the efficient implementation of the least common multiple calculation. However, the intersection of arrays solution could be optimized by addressing the use of fixed-size arrays and improving the algorithm's efficiency for larger data sets. Overall, proficiency in coding is evident, with room for refinement in handling array operations.

References

Communication:	**Beginner (1-50):**	Can interact in a simple way if the other person talks slowly and clearly.
	Intermediate (51-60):	Can deal with most situations likely to arise while in routine work or conversations.
	Advanced (61-70)	Can express ideas fluently and spontaneously without much searching for expressions.
	Proficient (71-100):	Can participate effortlessly in any conversation or discussion.

Color Grade Reference: - 7 and above Between 5 and 7 - Less than 5

Hiring Decision Reference:

Recommended Interview score ≥ 7 and Integrity check pass

Recommended Interview score between 5 and 7 and Integrity check pass

Not Recommended Interview score < 5 or Integrity check failed