


TEST DETAILS		
Registration no.	BED-2109-0003699461	Test Name: Backend Development Test Date: 21/09/2022 Time: 10:00 AM
Candidate Name	VENGISETTY Nagendra Kumar	
Email	nagendravengiseti@gmail.com	
Prerequisites	Laptop with an internet connection	

TEST SCHEDULE & FORMAT		
Phase I - Qualifier		
Round 1	<ul style="list-style-type: none">• Back to basics• Assess your algo Note: There will be 50% negative marking for questions in these rounds.	10:00 AM-12:30 PM
Round 2		
Qualifying Criteria: Get 200+ out of 400 in Phase I to qualify for Phase II.		
Phase II		
Round 3	<ul style="list-style-type: none">• Create your feature• Optimize your feature	02:00 PM-04:30 PM
Round 4		
Round 5	<ul style="list-style-type: none">• Face the interview	04:40 PM
Results and Declaration	Within 5 working days of the test	
Qualifying Criteria: Get 500+ out of 1000 to qualify for Company Placements.		
<div> GET HIRED!</div>		

TEST SYLLABUS		
Computer Science Fundamentals	<ol style="list-style-type: none">1. Basics of Programming - Loops, Conditionals, Functions, Recursion.2. Time and Space Complexity.3. Searching and Sorting - Linear Search, Binary Search, Quick Sort, Radix Sort, Merge Sort, Insertion Sort etc.4. Basic Data Structures - Array, Linked List, Stack, Queues. Advanced Data Structures - Trees, Heaps and Graphs5. Object Oriented Programming - Inheritance, Polymorphism6. Computer Networks, Database Management, Operating Systems	Suggested Reading Materials 1. Database System Concepts 2. Introduction to Algorithms 3. Database System Concepts 4. Operating Systems 5. Computer Networks
Backend Web Development	<ol style="list-style-type: none">1. Javascript - Express. Node.js (or) Java Spring MVC (or) Python - Django2. MongoDB, SQL3. Rest APIs, System Design	Suggested Reading Materials 1. Backend Web Development