Backend Development Test

Note: Please note that if you skip a round, you will not be allowed to attempt the subsequent rounds in the test.

Back to Basics Round

- You will be assessed on fundamentals of programming in this round.

- Ensure you are taking this test on a Laptop/ PC and have the latest version of the Google Chrome browser installed

- Attend the test in a quiet environment without any distractions

- Please close applications such as Skype, Google Hangouts, etc as they may interrupt the test

- You can navigate the questions using the **Previous** and **Next** buttons. Please note, you will be awarded 0 marks for all questions you have not attempted

- You can **Mark a Question for Review** and it will be shown in Yellow colour in the navigation menu to the left of your screen. This will help you revisit the question at your convenience

- This assessment is proctored. Your audio and video will be recorded throughout the session. Please note you will be disqualified in case of non adherence to the proctoring process.

- You have 45 mins to complete this round

Assess your Algo Round

- In this section, you will be expected to code in an IDE and solve the algorithm questions through coding

- You are required to solve 3 coding questions with each question having a varying level of difficulty

- Please make sure you are facing your camera and the mic is turned on. Please ensure that the necessary permissions for mic and video have been given in the browser

- Please ensure that you are in a quiet place free of disturbance

- Please read the statement clearly in the 'Problem' tab and code the solution in your preferred language in the 'Solve' tab

- You may use pen and paper to work out your logic. You may choose to code in an IDE of your choice and paste your code in the widget on the screen

- Please ensure that you have access to a fast internet connection without any interruptions

- This assessment is proctored. Your audio and video will be recorded throughout the session. Please note you will be disqualified in case of non adherence to the proctoring process.

- You have 90 minutes to complete this round

Note: Only those candidates who score greater than **150 out of the 300 marks** in Rounds 1 and 2 will be qualified for the subsequent rounds.

Create your Feature Round

- In this section, you will be expected to code in **Java(Spring)/NodeJS/Python(Django)** framework to build features for an app

- You will be required to build 2-3 features of the app. You will get access to the code template which you can download on your local system. Make sure you follow the instructions clearly and install the required libraries

- You can code the problem on your local system in the IDE of your choice

- Please read the requirements for each feature clearly and ensure that you code it according to the specifications

- You may use the resources of the internet to help in your coding

- Once you have finished coding, please submit the code in the form of a **zip file**

- Please provide a screen recording of your finished app in the form of a Loom video. The video should be under 5 mins

- You have 150 minutes to complete this round

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Optimize your Feature Round

- In this section, you will be expected to code in **Java(Spring)/NodeJS/Python(Django)** framework and extend features for an app

- You will be required to build 1-2 features of the app that you started building in the previous round.

- You can code the problem on your local system in the IDE of your choice

- Please read the requirements for each feature clearly and ensure that you code it according to the specifications

- You may use the resources of the internet to help in your coding

- Once you have finished coding, please submit the code in the form of a **zip file**

- Please provide a screen recording of your finished app in the form of a Loom video. The video should be under 5 mins

- You have 90 minutes to complete this round

Face the Interview Round

- In this round, you will be interviewed live by an experienced Backend Developer on various skills

- Your interview will happen via Zoom so please ensure that Zoom is installed on your local system and is working well

- Please wear proper attire and groom yourself for the interview

- Please be prepared to share your screen and solve problems **LIVE** as per the interviewer's instructions

- Please ensure that you have access to a fast internet connection without any interruptions

- Your interview will take around 45-60 minutes to complete