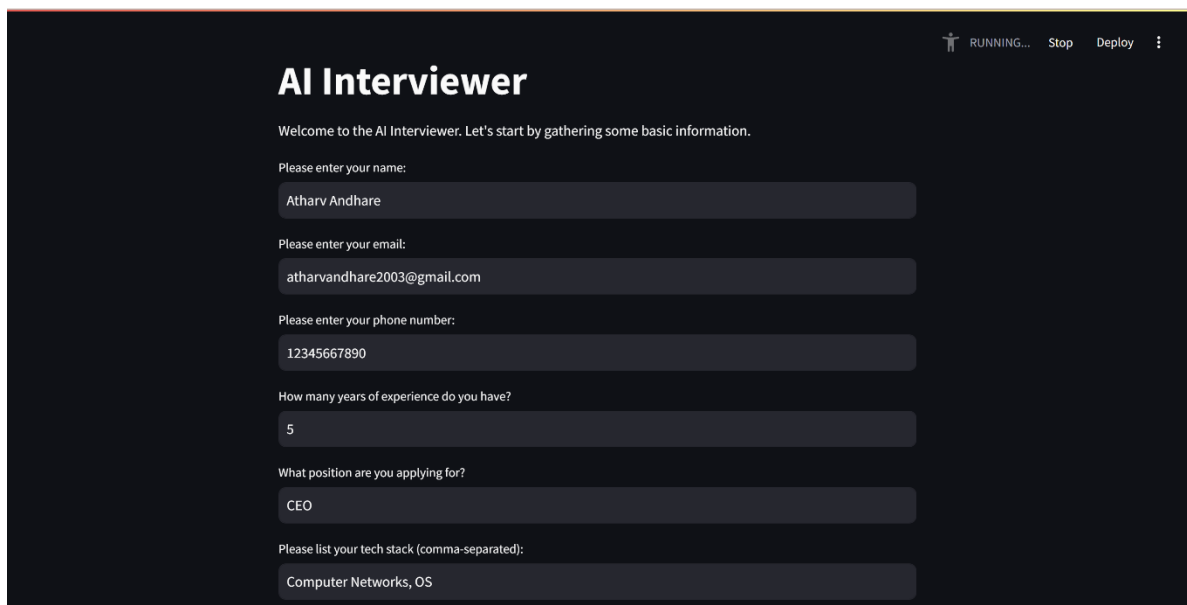


AI INTERVIEWER

Below is all the attachment of desired output from the AI Interviewer:

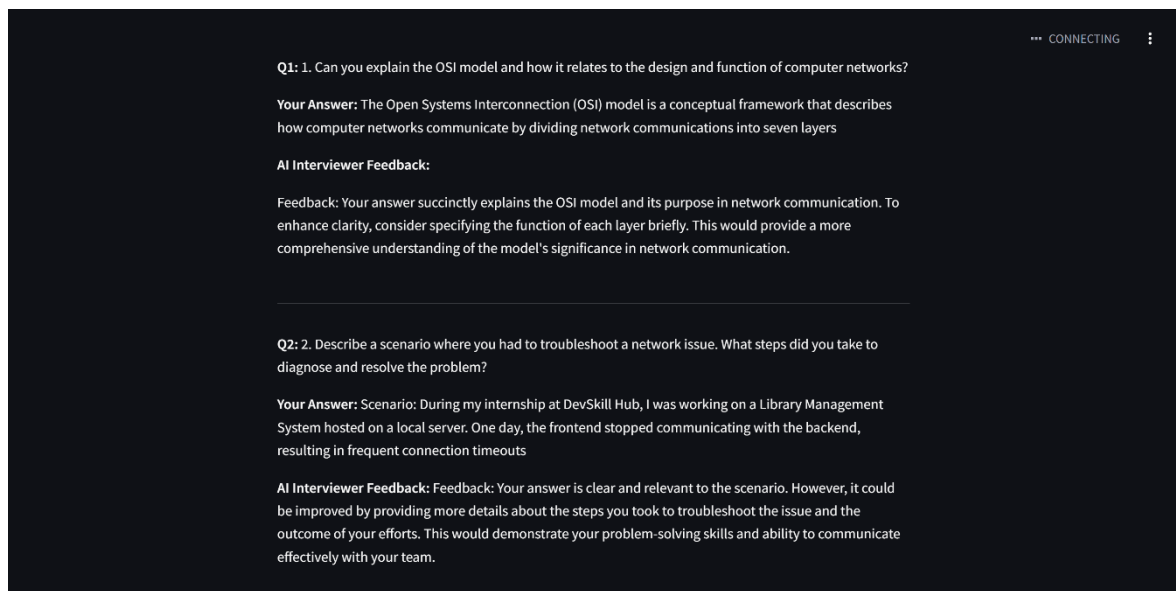
1) Input Details

Input all the details asked by the AI Interviewer (Talent scout):



The screenshot shows the 'AI Interviewer' application interface. At the top right, there are status indicators: 'RUNNING...', 'Stop', 'Deploy', and a menu icon. The main heading is 'AI Interviewer'. Below it, a welcome message says 'Welcome to the AI Interviewer. Let's start by gathering some basic information.' The form consists of several input fields with labels: 'Please enter your name:' (filled with 'Atharv Andhare'), 'Please enter your email:' (filled with 'atharvandhare2003@gmail.com'), 'Please enter your phone number:' (filled with '12345667890'), 'How many years of experience do you have?' (filled with '5'), 'What position are you applying for?' (filled with 'CEO'), and 'Please list your tech stack (comma-separated):' (filled with 'Computer Networks, OS').

2) Question derived from the tech stack with given feedback by AI



The screenshot shows the 'AI Interviewer' application interface with a status indicator 'CONNECTING' at the top right. The main content area displays two questions and their corresponding answers and feedback.
Q1: 1. Can you explain the OSI model and how it relates to the design and function of computer networks?
Your Answer: The Open Systems Interconnection (OSI) model is a conceptual framework that describes how computer networks communicate by dividing network communications into seven layers.
AI Interviewer Feedback:
Feedback: Your answer succinctly explains the OSI model and its purpose in network communication. To enhance clarity, consider specifying the function of each layer briefly. This would provide a more comprehensive understanding of the model's significance in network communication.
Q2: 2. Describe a scenario where you had to troubleshoot a network issue. What steps did you take to diagnose and resolve the problem?
Your Answer: Scenario: During my internship at DevSkill Hub, I was working on a Library Management System hosted on a local server. One day, the frontend stopped communicating with the backend, resulting in frequent connection timeouts.
AI Interviewer Feedback: Feedback: Your answer is clear and relevant to the scenario. However, it could be improved by providing more details about the steps you took to troubleshoot the issue and the outcome of your efforts. This would demonstrate your problem-solving skills and ability to communicate effectively with your team.

3) There will total of 5 Questions asked by the AI interviewer:

Q3: 3. How do you ensure the security of a network? Discuss the protocols and tools you would use.

Your Answer: Segment and segregate networks and functions. Limit unnecessary lateral communications. Harden network devices. Secure access to infrastructure devices. Perform out-of-band (OoB) network management. Validate integrity of hardware and software.

AI Interviewer Feedback: Limit unnecessary lateral communications. Harden network devices. Secure access to infrastructure devices. Perform out-of-band (OoB) network management. Validate integrity of hardware and software.'

Q4: 4. Explain the concept of Quality of Service (QoS) in networking. How would you implement QoS in a corporate network to prioritize critical business applications?

Your Answer: Quality of service (QoS) is the use of mechanisms or technologies that work on a network to control traffic and ensure the performance of critical applications with limited network capacity. It enables organizations to adjust their overall network traffic by prioritizing specific high-performance applications.

AI Interviewer Feedback: Feedback: Your answer is clear and concise, effectively explaining the concept of Quality of Service (QoS). However, to enhance your response, consider providing an example of how QoS can be implemented in a real-world scenario. This will help illustrate the practical application of the concept and make your answer more relatable. Additionally, you could briefly mention the benefits of QoS for organizations, such as improved user experience and increased productivity. Overall, your answer is on the right track, but incorporating these elements will make it even stronger.

Q5: 5. Discuss the differences between TCP and UDP. In what situations would you prefer to use one over the other?

Your Answer for Q5:

The main difference between TCP (transmission control protocol) and UDP (user datagram protocol) is that TCP is a connection-based protocol and UDP is connectionless. While TCP is more reliable, it transfers data more slowly. UDP is less reliable but works more quickly

Submit Answer

AI Interviewer Feedback: Feedback: Your answer is clear and concise, and you have effectively communicated the main difference between TCP and UDP. However, you could improve your answer by providing an example of a situation where one protocol might be preferred over the other. This would help the interviewee demonstrate their understanding of the practical applications of these protocols.

AI Interviewer: Thank you for your time! If we like your profile, you will receive an email response from us.

4) Error Control:

If the user clicks the submit button without any input the AI interviewer (TalentScout) will ask to give the input and then click submit.

Q1: 1. Can you explain the OSI model and how it relates to the design and function of computer networks?

Your Answer for Q1:

Submit Answer

Please provide an answer before submitting.