

Atlassian

SDE 2 | P40

Interview Experience



Summary

- 📍 **Location:** Bangalore, India
- 📌 **Job Role:** SDE2
- 📅 **Number of Rounds:** 6
- 📅 **Offer Status:** Offered
- 👤 **Candidate Name:** Not disclosing due to signed NDA



Interview Process:

The interview process at Atlassian started with an Exploratory Call lasting 15 minutes, followed by a Virtual Onsite consisting of four rounds:

- Two Coding Interviews
- System Design Round
- Values Round

Additionally, there was a Managerial Round, making it a total of 5 rounds.



Round 1 - Exploratory Call

- **Duration:** 15 minutes
- **Difficulty Level:** Easy
- **Experience:**
 - This was a brief discussion covering my work history and why I was interested in Atlassian.
 - No technical questions were asked in this round.
- **Key Learnings:**
 - Be prepared to articulate your past experience clearly.
 - Have a strong reason for why you want to join Atlassian.



Round 2 - Coding Interview 1

- **Difficulty Level:** Medium
- **Experience:**
 - The problem was to design a snake game ([Leetcode Link](#)).
 - I asked clarifying questions, which led to slight modifications in the problem. One example was handling the scenario where the snake moves out of bounds; instead of the game ending, it should reappear from the opposite side.
 - After implementing the solution, I had to write unit tests to validate the correctness.
 - The interviewer made some incorrect assumptions and hints, which I pointed out and corrected.
- Follow-up questions:
 - Can this code be optimized? - Yes, I initially used a Linked List to represent the snake, but a Deque would have been a better choice.
 - How would you handle concurrent button presses (e.g., up and right pressed simultaneously)? - Discussed synchronization mechanisms and related concepts.
- **Key Learnings:**
 - Always evaluate data structure trade-offs (e.g., Deque vs Linked List).
 - Be ready to discuss concurrency and synchronization.
 - If the interviewer gives incorrect hints, politely correct them.



Round 3 - Coding Interview 2

- **Difficulty Level:** Medium
- **Experience:**
 - The problem details are similar to this experience.
 - Discussed concurrent calls handling and performance trade-offs.
 - Explored why a List was used instead of a Set and the implications of that choice.
 - Follow-up questions:
 - How to handle concurrent calls? - Explained synchronization techniques.
 - What are the trade-offs between speed and storage of file information? - Discussed time vs space complexity.
 - Why use a List instead of a Set? - Justified the decision based on the use case.
- **Key Learnings:**
 - Be ready to discuss trade-offs between speed and memory.
 - Have a strong reasoning for choosing a particular data structure.



Round 4 - System Design

- **Difficulty Level:** Medium
- **Experience:**
 - The task was to design a tagging system. More details can be found in [this experience](#).
 - Focused on scalability, efficiency, and storage considerations.
- **Key Learnings:**
 - Understand how to design scalable systems.
 - Consider aspects like data storage, retrieval efficiency, and performance optimization.



Round 4 - Values Round

- **Difficulty Level:** Medium
- **Experience:**
- The interviewer asked for specific instances that demonstrated alignment with Atlassian's core values.
- The questions were not direct and required thoughtful answers based on real experiences.

- **Key Learnings:**
- Research and understand the company's core values before the interview.
- Prepare real examples that reflect these values.



Round 4 - Managerial Round

- **Difficulty Level:** Medium
- **Experience:**
- Standard managerial questions were asked, focusing on:
 - Relationships with colleagues.
 - Instances of failure and success.
 - Decision-making process.
- The interviewer probed deeper with follow-up questions like:
 - Why did you choose X instead of Y?
 - What did you learn from this situation?
 - Is there anything you would have done differently?
- If a certain situation had never happened in my career, I was honest about it rather than making up a response.
- **Key Learnings:**
 - Be honest about your experiences.
 - Do not fabricate scenarios; just say it has never happened if that's the case.
 - Expect deep-dive probing questions and prepare to justify your responses.



Final Thoughts:

- Clarifying questions can change the problem scope, so always ask them upfront.
- Data structures matter; being able to justify their choice is crucial.
- Concurrency and synchronization are commonly tested topics in coding interviews.
- System design requires deep thinking about scalability, efficiency, and data storage.
- Company values interviews are not straightforward, so prepare with real-life scenarios.
- Managerial rounds can be probing, and honesty is key.

This interview experience at Atlassian was rigorous but fair, with

- a focus on problem-solving, system design, and company culture fit. For anyone preparing, a strong foundation in data structures, algorithms, and system design will be beneficial.



Experience Link

Thank You

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