TransBnk Interview Experience

Job Profile : Software Developer
Employment Type : Full-Time
Compensation : 8 LPA (Fixed)
Location : Mumbai

Job Summary:

As a Software Engineer, you will be part of a high-performance tech team working on the core banking infrastructure and platforms. You'll be solving real-world problems, building scalable systems, and contributing to every layer of our tech stack.

Key Responsibilities:

- Design, develop, test, and deploy scalable backend and frontend services.
- Collaborate with cross-functional teams – product, QA, DevOps – to build seamless banking experiences.
- Write clean, maintainable, and efficient code.
- Participate in design discussions and code reviews.
- Learn quickly and proactively contribute to architecture and solutioning.

Required Qualifications:

- Pursuing B.E./B.Tech in Computer Science, Information Technology, or related field.
- Strong understanding of programming fundamentals, data structures, and algorithms.
- Proficiency in at least one language – Java, Python, Go, Node.js, etc.
- Familiarity with web technologies (HTML/CSS/JavaScript) and frameworks (React, Angular, etc.) is a plus.
- Understanding of databases, REST APIs, Git, and basic software engineering practices.

Phase 1 : Resume Shortlisting

Applications opened on 13th August, and the first shortlist was released on 18th August. Out of 325 students, only 54 were initially shortlisted based on their 10th and 12th marks, as well as their overall profile on the SAP portal (no specific criteria were explicitly mentioned). These 54 students were then asked to upload their resumes through a Google Form. On 22nd August, 24 students were further shortlisted for interviews.

From my observation, the shortlisting process primarily favored resumes that highlighted projects and internships in Full-Stack Development, Spring Boot (as it is used in their applications), and cloud-related tools and technologies.

Phase 2 : Interview Round (Date : 26/08/2025)

So there was only one panel for the technical round with two interviewers and people who cleared the first round were either directly sent to the HR Round or were told to wait for the HR Round until a few more people gave the first round.

Round 1 : Technical

So my interview started with no introduction or anything , They read the resume and started asking questions directly :

- What is Docker? Explain in layman terms.

- What is Kubernetes and why is it used?

- Explain the architecture of Kubernetes and the role of each component (with examples).

- Why do we use YAML files in Kubernetes, and what kinds of configurations can be defined in them?

- In your first project, you mentioned multi-server scalability for WebSockets using Redis Pub/Sub. Explain how you implemented it and describe the architecture.

- How did you scale Redis in this application? (I explained using Redis Cluster with HPA to scale Redis and how I implemented it).

- Explain the difference between server-based and serverless workloads. Why did you choose microservice architecture for this project? (My third project was based on serverless architecture).

- Explain AWS API Gateway and AWS Lambda Function.

- What is Kafka, why is it used, how does it improve real-time data streaming, explain its architecture, and how you integrated it into your project?

- How did you implement testing in Spring Boot using JUnit and Mockito? (My second project was on Spring Boot).

My technical interview lasted for about 20 minutes and focused primarily on in-depth questions from my resume. I was not asked any DSA questions, but some candidates before me were, and the problem given was **"Missing and Repeating in an Array."** After this round, I was directly moved to the HR round.

Round 2 : HR

- Asked to give a summary of my resume.

- Why did I choose to do engineering and not something else?

- What are your plans for your future and what are you aiming for ?

- From my internship:

  - What did I learn there that I didn't learn in college or personal projects?

- Other behavioral questions, including My hobbies outside Tech, General questions to understand personality and interests.

- Questions about work in committees :

  - What challenges did I face and how ?

  - How did I manage the team?

- Why should we hire you , what is your differentiating factor ?

- Am I doing any internship right now and would I be able to come to office during the training period from January 2026?

- Then if I had some questions regarding the company and the work they do ?

The HR round lasted about 40–45 minutes and felt more like a conversation than a formal interview. Preparing thoughtful and genuine responses to commonly asked HR questions proved to be very helpful. Out of 22 candidates, 6 were shortlisted for the HR round, and finally, 4 were selected.

Preparation Strategy & Insights :

- Work on projects that are complex in nature and help you stand out in interviews. For example, I had built projects using Redis Pub/Sub, Kafka, AWS Services, Docker, Kubernetes, CI/CD etc. You can choose technologies based on your domain of interest. If you are aiming for developer roles, make sure to build at least one project using Spring Boot that also include Unit testing and deployment, since many banking companies (and other enterprises) rely heavily on Spring Boot for their applications.

- Have a strong, in-depth understanding of the projects and topics you've worked on. While explaining the architecture, try drawing the entire workflow on paper—this leaves a strong impression on the interviewer.

- Prepare DSA thoroughly from **Striver's SDE Sheet**. Although this company asked only one DSA question (and that too to a few candidates), many other companies place high emphasis on DSA. Focus on solving easy to medium-level problems from the essential topics.