

The interview preparation.

Personal Pitch (Tell me about yourself)

"Hello, my name is Sibahle Shange. I'm from Durban but currently staying in Cape Town. I'm a passionate software engineering student and an advocate for women in tech. I love seeing more women getting involved in IT spaces and I'm driven by curiosity about how things work behind the scenes, like how apps are built and how online payments are made. This curiosity led me to teach myself and start creating projects.

I'm currently working on an Automated Traffic Department System that allows people to book driving tests, renew licenses, and pay tickets online, using Java, React, and MySQL. Another project is an Automated Watering System that uses C++ and sensors to water plants when the soil is dry, and we plan to add AI features and a mobile app.

Outside of tech, I love reading books by strong women like Michelle Obama, and I enjoy swimming (even though I'm still learning). I consider myself self-disciplined, positive, and a hard worker. I enjoy working in teams because I value different perspectives and believe it helps me grow."

Behavioral Questions

Question: Tell me about a time you worked in a team and faced a challenge.

Situation: In our Automated Traffic Department System project, we had a team with diverse skills and some team members faced technical challenges and personal issues.

Task: My role was to ensure we stayed on track and completed the project on time.

Action: I facilitated regular meetings, documented our progress and decisions, and helped team members who were struggling by pair programming and sharing resources. I also made sure we communicated frequently via WhatsApp to stay aligned.

Result: We successfully built the system and presented it to our lecturer. The project was well-received and we all learned the importance of clear communication and documentation.

Question: How do you handle failure?

Situation: When I first started learning programming, I often faced errors and bugs that I didn't understand.

Task: I needed to overcome these challenges to build my projects.

Action: I didn't give up. I broke down the problem, researched online, asked for help from peers, and kept trying until I found a solution.

Result: I've developed resilience and problem-solving skills. Now, when I face a bug, I see it as an opportunity to learn and improve.

Questions to Ask the Company

- How do you keep up with new trends in technology?
- What do you like about the company culture?
- How does the company support the growth of women in tech?
- What are the current goals of the team I would be joining, and how can I contribute?