

**PUSHKAR BANSIDHAR PATIL**

**2GI19EC100**

**Pushu200020@gmail.com**

**Company: Mercedes-Benz R&D India**

**CTC offered: 10 LPA**

**Brief about Company:**

Mercedes-Benz Research and Development India (MBRDI) is the largest research and development center for Mercedes-Benz Group AG outside of Germany. Started in 1996, the Bengaluru headquartered organization plays a prominent role in the development of new technologies like connected, autonomous, shared, and electric in the mobility world. MBRDI, known for its engineering innovations, has grown to a team of over 6,000 employees and is one of the earliest technology and innovation center of a global automotive company to set up a strong presence in India.

In line with the global ambitions of the Mercedes-Benz Group, MBRDI plays a prominent role in innovating and accelerating the future of sustainable mobility. Over the last 25 years of its presence in India, MBRDI has established itself as an innovation powerhouse. The engineers at MBRDI are committed to providing an unparalleled experience and comprehensive digital capabilities, with technology at the core. MBRDI harnesses the role of IT in accelerating the future of automotive technology in terms of engineering, digitalization, testing and simulation, and data science.

MBRDI offices in Bengaluru specialize in end-to-end capabilities in product development and IT services. The satellite office in Pune focuses on interior component designs and IT engineering.

**Eligibility Criteria:**

B.E CSE/ISE/ECE

% in X and XII : 65% or above

UG : 6.5 CGPA or above

**Number of Rounds: 3 rounds**

- Round 1- Online assessment
- Round 2- Technical Interview
- Round 3- Managerial + HR

**Round 1 - Online Aptitude Test :**

Aptitude questions were divided in 3 sections, namely: General aptitude (15), verbal aptitude (5) and branch specific questions (20). Bizotic classes are enough for general and verbal aptitude. In branch specific questions, I was asked questions about all our core EC subjects. It had questions of Network analysis, Control systems, Analog and Digital electronics. Some questions on partial differentiation, integration and geometry were asked in this section itself.

All together 40 questions in 60 mins.

## **Round 2 - Technical Interview :**

I was asked to introduce myself initially. Then the interviewer opened my resume on his screen and went through it. He asked me to explain any one of my projects.

Most of my projects were based on Deep learning. So, I answered the above question by explaining a project which included a deep learning algorithm. I explained the whole architecture and layers of the algorithm.

Then I was asked few more short questions about the project, like, "Why this project?", "How many members worked on this project?", "What were the challenges you faced while doing the project?".

Then he asked me the importance of reviewing any work. And later asked me for an experience where me and my team-members reviewed and corrected each other's work.

This round lasted about 15 mins for me and it was easier than I expected.

## **Round 3 – Managerial + HR round**

This round was tougher than I expected. I was asked to introduce myself initially.

He asked me which subject was my favorite among the core EC subjects. Then he asked questions about that subject in detail. I was asked questions like "What is a shift register?", "Where is it used?" etc.

Then he saw that I had a project with Arduino mentioned in it. So, he asked me questions like "What is clock speed?", "What is the clock speed of Arduino?", "Where or in which part of the Arduino does the flashed code gets stored?", "What is the difference between Flash memory and EPROM?".

He then asked me questions like "Where do you see yourself in next 5 years?", "In which field to be exact do you have interest in working?".

Finally, he asked that if there are 7 to 8 students, why should he select me among them?

This round lasted for more than 30 mins.

## **My suggestions:**

- Prepare well for questions about projects.
- Do variety of projects. If project is related to company's profile, it adds a plus point.
- Always include examples of your experiences about learning and problem solving in your answers.
- Be very confident and humble while speaking.
- None of the interviews will be same. So, be prepared to face any kind of situations (like I was asked more technical questions in the last round)

**Thank You and All the best!**