

Ericsson Interview Preparation with Questions

Ericsson, a global leader in networking and telecommunications, conducts a structured interview process to evaluate candidates on technical expertise, problem-solving skills, and cultural fit. Below is a comprehensive guide to help you prepare effectively for the Ericsson interview process.

Ericsson Interview Process Overview



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The recruitment process at Ericsson typically involves **four main rounds**:

1. **Online Assessment**
2. **Group Discussion (Optional)**
3. **Technical Interview**
4. **HR Interview**

1. Online Assessment

- **Structure:**
 - **Aptitude Test:** Quantitative aptitude (percentages, time & work, profit & loss), logical reasoning, and verbal ability.
 - **Technical MCQs:** Covers data structures, algorithms, operating systems, DBMS, networking, and basic programming.
 - **Coding Section:** Solve 2–3 coding problems in languages like Java, Python, or C++.

Key Points:

- No negative marking in most cases.
- Focus on speed and accuracy.

Sample Questions:

1. Write a program to find the intersection of two linked lists.
2. Solve a logical puzzle involving seating arrangements.
3. What is the output of the following SQL query? (Focus on joins and aggregate functions).

2. Group Discussion (Optional)

- This round may not always be conducted but is used to assess communication skills, teamwork abilities, and clarity of thought.
- Topics may include current affairs or abstract ideas like "Is social networking a boon or curse?" or "The future of 5G technology."

Tips:

- Be confident but avoid dominating the discussion.
- Structure your points clearly and contribute meaningfully.
- Respect others' opinions and actively listen.

3. Technical Interview

This round evaluates your technical knowledge and problem-solving abilities. The questions vary depending on your role (software developer, telecom engineer, etc.).

Key Topics:

1. **Programming Skills:**

- Proficiency in Java, Python, or C++.
- Writing efficient algorithms for given problems.

2. **Data Structures & Algorithms:**

- Arrays, linked lists, stacks, queues.
- Sorting algorithms (merge sort/quicksort).
- Searching algorithms (binary search).

3. **Database Management Systems (DBMS):**

- SQL queries (joins, normalization).
- Triggers and stored procedures.

4. **Networking Concepts:**

- TCP/IP protocols, OSI model.
- Circuit switching vs packet switching.

5. **Telecommunications Protocols** (for ECE students):

- SIP (Session Initiation Protocol), GSM/CDMA basics.

6. **Operating Systems:**

- Deadlocks, memory management.

Sample Questions:

1. Explain the difference between TCP and UDP protocols.
2. Write an SQL query to find the second-highest salary in an employee table.
3. How would you resolve a deadlock in an operating system?
4. What are semaphores? How are they used?

For ECE students:

1. What is frequency reuse in telecommunications?
2. Explain the basic concept of ionospheric bending.

4. HR Interview

The HR round assesses your personality traits, cultural fit within Ericsson's work environment, and career aspirations.

Common HR Questions:

1. Tell me about yourself and your family background.
2. Why do you want to work at Ericsson?
3. What are your strengths and weaknesses?
4. Are you open to relocation or working night shifts?
5. Describe a challenging situation you faced during a project and how you resolved it.

Behavioral Questions (STAR Method):

- Tell me about a time when you had to work under pressure to meet a deadline.
- Describe a situation where you resolved conflict within a team.

Key Topics for Preparation

Technical Topics

1. **Programming Basics:**
 - Syntax-based questions in Java/Python/C++.
 - Writing simple programs like palindrome checks or sorting arrays.
2. **Data Structures & Algorithms:**
 - Linked lists: Insertion/deletion operations.
 - Trees and graphs: Basic traversal techniques (DFS/BFS).
3. **Database Management Systems:**
 - Writing complex SQL queries involving multiple tables and conditions.
4. **Networking Basics:**
 - TCP/IP protocols, firewalls, VPNs.

Telecommunications-Specific Topics (For ECE Students)

1. GSM/CDMA basics: Frequency reuse concepts.
2. Telecommunications protocols: SIP and VoIP basics.

Frequently Asked Questions Across Rounds

Online Assessment

1. Write code to check if two strings are anagrams of each other.
2. Solve logical puzzles involving directions or patterns.

Technical Interview

1. What are ACID properties in DBMS? Explain with examples.
2. How does quicksort differ from mergesort? Explain with examples.

HR Interview

1. Where do you see yourself five years from now?
2. How do you handle challenges or difficult situations at work?

Preparation Tips

1. **Practice Coding Regularly:**
Use platforms like HackerRank or LeetCode for coding challenges related to data structures and algorithms.
2. **Mock Interviews:**
Simulate technical and HR interviews with peers or mentors to build confidence.
3. **Research Ericsson:**
Familiarize yourself with Ericsson's services (e.g., 5G solutions), values (e.g., innovation), recent achievements, and competitors.
4. **STAR Method for Behavioral Questions:**
Structure responses clearly by outlining the situation, task, action taken, and results achieved.
5. **Group Discussion Practice:**
Stay updated on current affairs and practice speaking confidently on abstract topics such as "Technology vs Humanity."

Sources

1. [Cuvette Tech – Ericsson Interview Process](#)
2. [GeeksforGeeks – Ericsson Recruitment Process](#)
3. [Hitbullseye – Ericsson Interview Questions](#)
4. [Ericsson Official Careers Page](#)
5. [Javatpoint – Ericsson Interview Questions](#)

By following this structured preparation plan and practicing consistently across technical concepts and soft skills, you can significantly enhance your chances of success in the Ericsson interview process!