

# Job Description – Architect (Advanced Communication Systems)

## Requirements

- Bachelor's / Master's in **Electronics & Communications or Computer Science**; Doctorate is a plus.
- 15+ years of **industry experience** (12+ years with a Doctoral degree) in telecom product development and solution architecture.
- Expertise in **Wi-Fi, 5G/6G, Open Radio Access Network (ORAN), Cloud-native systems, and advanced wireless technologies**.
- Strong background in **system architecture, design, development and large-scale product delivery**.
- Hands-on experience with **open-source frameworks (OAI, srsRAN, SDR)** and commercial integration.
- Fluency in modern programming languages such as C, Embedded C, C++, Java.
- Experience with Agile SW development.
- Proven leadership in **guiding engineering teams, customer engagements, and technology consulting**.

## Key Responsibilities

- **Architect, design and develop** end-to-end solutions in advanced communication systems.
- Define **technology roadmaps and product blueprints** aligned with business strategy.
- Lead **cross-functional teams** to deliver scalable, standards-compliant products.
- Drive **innovation** through adoption of emerging technologies (AI/ML, Edge Computing, Cloud-native development).
- Partner with **customers and industry stakeholders** to support outreach, pilots, and solution deployments.
- Contribute to **patents, publications, and standards initiatives** for organizational visibility.

## Pay and Allowances

As per institute norms.

## Application Process

Interested candidates may forward their application along with a detailed resume to [comet@iiitb.ac.in](mailto:comet@iiitb.ac.in) by the specified deadline. Please state the role for which you're applying clearly in the email.