



**INSTITUTE FOR DEVELOPMENT AND RESEARCH IN  
BANKING TECHNOLOGY  
(Established by Reserve Bank of India)**

**Advertisement No: 17 /2024 – 25**

**Date: Jan 23, 2025**

**Recruitment for Cryptography Operations Engineer**

**IDRBT - The Institute (<https://www.idrbt.ac.in/about-idrbt/>):**

The Institute for Development and Research in Banking Technology (IDRBT), established by the Reserve Bank of India in 1996, is a premier Institute for adoption and absorption of Banking Technology. The Institute spearheads efforts in providing state-of-the-art Digital Public Infrastructure and Product Development for public good through applied Research, Executive Education, Consultancy, etc. so as to continuously enable the technology transformation. Please see the genesis and journey on link above.

**As a “Focused Drive”, Talented women looking to restart their careers after a break for family growth and sustenance will be given due consideration.**

IDRBT Certifying Authority (IDRBT-CA), is licensed by the Controller of Certifying Authorities (CCA), Government of India, since July 2002. It issues, administers and revokes the digital certificates and eSign. These are trust worthy and legally valid tools under Information Technology Act, 2000. IDRBT-CA also issues certificates to government departments, banks, financial institutions and eSign (in process) for public use.

The IDRBT CA team manages the encryption technology and key material which protects, validates, and assures critical functions. This role is part of the operational function, managing hardware, software, and services to ensure the best outcomes possible for the customer and its use of encryption technology.

**Opportunity for Skill Development**

The prospective candidate will have opportunities to learn on the job and also can hone their functional skills and expertise in various areas of specialization. The Institute offers a variety of Executive Development Programmes for Banking and non-banking sector executives. It has six Research Centres for various emerging technologies and labs, provides a platform to Ph.D. students for conducting research on niche technologies and their applications in industry. These experiences provide an unbeatable platform to build and augment career because of the sheer variety of work being done at IDRBT.

## Position: Cryptography Operations Engineer

- i. **Number of Open Positions** : 4
- ii. **Designation** : Dependent on job responsibilities
- iii. **Job Location** : Hyderabad
- iv. **Compensation:**
  - Annual CTC, will be negotiable based on the skills, experience, orientation and broader outlook.
  - Other benefits will be provided as per the rule of Institute.

v. **Term of the Employment:**

Appointment will be on full-time contract basis, initially for a period of three years, extendable further. The annual performance of the appointees would decide the continuance of the Contract. The contract will be terminable with a notice period of one month from either side after initial three months of probation period.

vi. **Eligibility:**

**(a) Educational Background:**

- Minimum Graduate Degree in Engineering.
- Certification and experience relevant to job requirement is plus point for higher compensation

**(b) Right Profile - Qualifications**

- Experience in data encryption, key management, cryptography solutions.
- Strong knowledge of encryption solutions and methodologies.
- Experience and understanding of Hardware Security Modules, Key Management Systems and Data Protection Management. Ensure crypto related inventory controls (key and HSM)
- Understanding on the security protocols such as TLS, SSH, etc.,
- Understanding and experience with the cryptography fundamentals, digital certificates, eSign and PKI standards.
- Maintain and enhance the delivery of cryptographic technology, process and relevant controls.
- Implement and operate effectiveness of cryptographic controls. Contribute to the risk reduction, escalation, and reporting. Support the remediation of risk items.
- Provide guidance and consultation in new crypto technology, process, and control.

- Ensure that work happens according to schedule and near-no deviation from process.

#### Soft Skills

- Verbal and written communication skills, problem solving skills, attention to detail and interpersonal skills along with the ability to present complex security subjects to internal work groups and projects.
- Ability to work effectively with other functional areas and understand the operational issues relevant to achieving superior results.

#### Desirable skills

- Good understanding on IT Infrastructure technical platforms / technologies
- Experience on project prioritization and balance needs of various key stakeholders
- Operational effectiveness - delivers solutions that align to approved design patterns and security, risk and regulatory standards
- Eagerness to follow defined procedure and following the cryptography compliance process
- Knowledge of Service management techniques including incident, problem, change, release management
- Ability to build strong relationships Customer/stakeholder focused, with Internal/External Key stakeholders, cross functional IT teams

**vii. Last Date to Apply: 25<sup>th</sup> February, 2025.**

Interviews of first batch of shortlisted candidate will commence from February 2<sup>nd</sup>, 2025.

#### **Rules and Regulations**

1. All the above positions are on contract basis.
2. There will not be any absorption or regularization for the candidates on boarded by the Institute through this web notice. A separate advertisement/web notice will be published for regular appointment in IDRBT.
3. The preliminary assessment for candidature and suitability will be on the strength of the information submitted through the Application form.
4. Candidates fulfilling the eligibility criteria would be called for participation in the selection process which may involve online/in-person interaction.
5. In all matters regarding the appointment process, the decision of the Institute shall be final. In case of any inadvertent mistake in the process of selection which may be detected at any stage even after the issue of Offer letter, the Institute reserves the right to modify / withdraw / cancel any communication made to the candidates.
6. Interested candidates may forward their filled-in prescribed application forms along

with CV, photograph and a cover letter highlighting why their candidacy should be considered for the advertised position. The letter shall be addressing to “The HR Department, IDRBT, Castle Hills, Road No.1, Masab Tank, Hyderabad – 57” and shall be sent by e-mail to [careers@idrbt.ac.in](mailto:careers@idrbt.ac.in) with the subject line as “Application for Cryptography Operations Engineer”.

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