INSTITUTE FOR DEVELOPMENT AND RESEARCH IN BANKING TECHNOLOGY

(Established by Reserve Bank of India)

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Engagement for Project Positions

The Institute for Development and Research in Banking Technology (IDRBT), established by the Reserve Bank of India, is the premier Institute of Banking and Financial Technology in the country. The Institute spearheads efforts in providing state-of-the-art technologies for the Indian Banking and Financial Sector by interfacing Applied Research and Development, Academics, Executive Education, Practice and Consultancy so as to continuously enable the technology transformation of the Banking and Financial Sector in India and make it future-ready.

The Institute is carrying out a transformational research project on "5G Use Case Lab for Banking and Financial Services". This project intends to identify India-specific use cases of 5G in Banking and Financial Services Sector so as to support the Banking and Financial Services to implement 5G technologies. Considering that India has the 2nd largest mobile penetration in the world and has a diverse digital divide, the security gaps in 5G technologies and services would also be identified along with 5G use cases.

In order to contribute to this major research project, applications are invited from young dynamic candidates for the following temporary project positions:

POSITION I: TECHNICAL ARCHITECT

i.   **No. of Positions:** Two

ii. **Primary Responsibilities:**

- Front-end with OEM, ISP and SIs on Multi-access Edge Compute (MEC), 5G Network Slicing, etc., to design multiple deployment alternatives
- Coordinate the technical aspects for network slicing/SDN/MEC setup
- Deploy and troubleshoot the experimental infrastructure as required
- Create processes and tools for the effective collection and dissemination of data
- Analyse the existing solutions/information to prepare reports/make presentations
- Guide team to develop tools and utilities on 5G and beyond networks
- Responding to queries, conducting surveys, documentation, and sharing information, to ensure proper communication
- Organising meetings and ensuring follow up where required
- Ensure processes are followed and activities are completed on time
- To carry out any other responsibilities assigned by the Institute.

iii. **Eligibility:**

    (a) Educational Qualifications

- First class regular B.E./B.Tech./M.E./M.Tech. (CSE/IT/ECE)/MCA or above from a recognised University with a consistently good academic record throughout.

    (b) Experience

A minimum of five years post-qualification experience for B.Tech and three years for M.Tech in:

- Networking Technologies
- Active involvement in Open-source Projects / Communities
- Experience of DevOps CI/CD/CT tools for Micro-services based deployments
- Hands-on experience with cloud and related technologies

    (c) Desired Skills

- Openstack, Kubernetes, Micro-services, OpenFlow, SDN, SDR, Open day-light controller, ONAP / OSM / MAGMA
- Hands-on scripting in Shell, Python and Networking related languages
- Practical experience of Wireless Network / Wireless LAN / Mobile Communication / IoT set up
- Full-stack exposure for dashboards, etc.

iv. **Term:** One year. Extendable based on the duration of the project, project requirements, performance of the candidate and fund availability.

v. **Compensation:** All-inclusive consolidated compensation of upto Rs Two lakh per month.

POSITION II: DEVELOPER

i. **No. of Positions: Nine**

ii. **Primary Responsibilities:**

- To develop and integrate Cloud (including MEC) and 5G network setups with BFS applications
- Support startups in the 5GUCL and carry out other project activities as required.
- To carry out any other responsibilities assigned by the Institute.

iii. **Eligibility:**

    (a) Educational Qualifications

- First class regular B.E./B.Tech./M.E./M.Tech/(CSE/IT/ECE)/MCA or above from a recognised University with a consistently good academic record throughout.

(b) Experience

A minimum of one year of experience for B.Tech. and project-related experience for M.E. / M.Tech. in:

- Networking Technologies
- Distributed coding and debugging skills
- Hands-on in scripting in one or more of the following - Shell, Python, Network-related languages, OpenStack, Kubernetes, Microservices, OpenFlow
- Good understanding of performance, usability and security requirements for applications

(c) Desired Skills

- Cloud and CI/CD/CT tools - Openstack, Kubernetes, Microservices, OpenFlow, SDN, SDR, Open day-light controller, ONAP/OSM/MAGMA
- Full-stack exposure for dashboards, etc.
- Practical experience of Wireless Network/Wireless LAN/Mobile Communication/IoT set up
- Proficiency in security/video/AR-VR/SIP
- Awareness of Banking Domain

(d) Reservation

One position is reserved for Schedule Caste candidate, two positions are reserved for OBC (Non-Creamy Layer) candidates and six positions are for General candidates.

iv. **Term:** One year. Extendable based on the duration of the project, project requirements, performance of the candidate and fund availability.

v. **Compensation:** All-inclusive consolidated compensation upto Rs.50,000/- (Rupees Fifty Thousand only) per month.

Rules and Regulations for all these positions

1. Higher compensation may be considered for exceptionally deserving candidates.
2. All the above positions are purely temporary and on a contract basis under the project mode.
3. There is no scope whatsoever for further continuation, extension of term, absorption, regularisation, permanency, in the Institute under any circumstances
4. The completion of the period of contract / project will not confer any right whatsoever for further continuation, extension of term, regularisation, absorption at the Institute.
5. All educational qualifications must have been necessarily obtained by pursuing the courses on a full-time regular basis from recognised universities/institutions. If grades are awarded instead of marks, candidates should clearly indicate their numerical equivalent.
6. Relevant experience gained after the qualifying degree will only be taken into consideration.

7. Candidates should satisfy themselves about their eligibility for the position being applied for. Mere fulfilment of eligibility does not guarantee shortlisting for Selection Process.

8. Candidates should apply for the specific positions only in the format provided on the Institute's website.

9. Incomplete applications / not in the prescribed format / without all the required documents, will be rejected and no correspondence will be entertained by the Institute.

10. Candidates for these positions should enclose attested scanned copies of their Mark sheets and Certificates right from Matriculation onwards.

11. The candidature will be considered on the strength of the information declared in the Application. If at any stage, it is found that any information furnished is false / incorrect, the candidate has clandestine antecedents/background or if according to the Institute, the candidate does not satisfy the eligibility criteria, her/his candidature / appointment is liable to be cancelled / terminated at any point in time including after appointment, in addition to any disciplinary action as may be necessary.

12. In case of any inadvertent mistake in the process of selection which may be detected at any stage even after the issue of appointment letter, the Institute reserves the right to modify / withdraw / cancel any communication made to the candidates.

13. The Institute reserves the rights to screen and call only such candidates as are found prima-facie suitable for being considered

14. The Institute also reserves the right to restrict the candidates called for to the selection process to a reasonable number on the basis of qualifications, level and relevance of experience higher than the minimum prescribed herein and the requirements of the Institute. Thus just fulfilling the prescribed conditions would not entitle one to be called for the Selection Process. The Institute also reserves the right of rejecting any or all the applications without assigning any reasons therefore.

15. The Institute reserves the right to fill or not to fill any or all the positions advertised without assigning any reason.

16. In all matters regarding Eligibility, Qualification, Skills, Experience, Compensation, Contract Term, Selection Process, Assessment, Prescribing Minimum Qualifying Standards in Selection Process, and Communication of Result, the Institute's decision shall be final and binding on all the candidates and no correspondence shall be entertained in this regard.

17. Only shortlisted applicants will be contacted. No correspondence will be entertained from candidates regarding postal delays, conduct & result of selection process and reasons for not being called for the selection process.

18. Selected candidates should undertake to abide by all the rules and regulations pertaining to their retention as also the rules and regulations of the Institute.

19. The crucial date for determining the eligibility criteria for all candidates in every respect is the prescribed closing date for submission of application.

20. Interested candidates may forward a Covering Letter and Filled-in-Application along with the copies / scanned copies of all the required documents to "The Human Resources Department, IDRBT, Castle Hills, Road No.1, Masab Tank, Hyderabad – 57" or by e-mail to **5gprojectpositions@idrbt.ac.in** so as to reach the Institute latest by **February 23, 2022.**

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