



# INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

**Advertisement No.: Admin-II/EXT263/2022**

## **Job Title**

TECHNICAL OFFICER (SCALE-I) IN THE AREA OF SOFTWARE ENGINEERING

## **Job Reference Number**

50369190

## **Application End Date**

05.01.2023

## **Type of Employment**

Permanent

## **No. of Position(s)**

4

## **Application Category(s)**

4(SC-1, OBC-1, UR-2)

## **IITB Recruiting:**

IIT Bombay invites online application from Indian citizens having requisite qualification(s) and experience for four (4) positions of Technical Officer (Scale-I) post, in the following two areas of Software Engineering:

1. Full-Stack Developer (three positions)
2. DevOps and DBA (one position)

## **Essential Qualifications & Experience:**

Applicants with either of the following two sets of essential qualification(s) and mandatory experience can apply for the above four (4) positions of Technical Officer (Scale-I) post, in the corresponding two areas of Software Engineering:

1. Full-Stack Developer:

B.Tech./ B.E. in any discipline or MCA or M.Sc. in Information Technology or Computer Science with a minimum of 55% marks or equivalent grade point average with relevant experience of six years after the qualifying degree, out of which three years should be at Pay Level 7 (44900-142400) or one year should be at Pay Level 8 (47600-151100) or equivalent or above.

The following relevant experience is essential and must be evidenced by attaching supporting documents:

- a) Four years' experience in Object Oriented Languages (Spring Boot/Java, Django/Python or equivalent), or Front End Frameworks (Angular, Vue, React JS or equivalent).
- b) Four years' experience with databases (Mysql or Postgres).
- c) Demonstrable proficiency in JSON RPC, SOAP, or REST API programming.
- d) Four years' experience in working in Linux command line environment.

Desirable: Experience in a technical / scientific post at the specified pay level(s) or equivalent or above, and demonstrated ability in end-to-end IT/Software Project Management including preparation of software requirements, project plans, time estimates and deployment of large and medium scale

projects.

## 2. DevOps and DBA:

B.Tech./ B.E. in any discipline or MCA or M.Sc. in Information Technology or Computer Science with a minimum of 55% marks or equivalent grade point average with relevant experience of six years after the qualifying degree, out of which three years should be at Pay Level 7 (44900-142400) or one year should be at Pay Level 8 (47600-151100) or equivalent or above.

The following relevant experience is essential and must be evidenced by attaching supporting documents:

- a) Four years' experience with Linux system administration, four years' experience with virtualization, Ansible based automation tools for deployment.
- b) Two years working with databases management (deployment, access, control, caching, profiling, performance tuning, containerization, archival and disaster recovery), AND
- c) One year working with Git repository management, CI/CD.

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While submitting the online application, the applicant applying for either of the above two areas of Software Engineering, must attach a PDF document in a table format given at the following URL:

<https://portal.iitb.ac.in/docs/TO22-expinfo.pdf>

Enter the "Document Title" as "Experience and Pay information" and rename the file as "YourFullname-expay.pdf". This is an essential document that will be used for shortlisting candidates.

### **Job Profile:**

1. Provide technical operations support to the team
2. Managing the existing Java/J2EE application development
3. Designing and developing high-volume, low-latency applications for critical systems and delivering high-availability and performance
4. Contributing in all phases of the software development life-cycle
5. Writing well designed, testable, efficient code
6. Conducting software analysis, programming, testing and debugging
7. Identifying and rectifying production and non-production application issues
8. Maintaining precise and regular documentation of the additions and updates to the code-base.
9. Leadership role in working closely with external agencies, lateral units and senior management of the Institute to implement IT projects on schedule. The job also requires decision-making on software development policies, processes and maintenance relevant to the Institute, and requires the management of project employees.

### **Pay Details:**

Pay: Level 10 (Rs 56100 - Rs 177500)

Age limit: 40 years (as on the application closing date) with applicable age relaxations.

### **General information:**

1. This is a permanent post as per Recruitment Rules and Promotion Policy of the Institute.

2. Screening/ Scrutiny of applications: Applications in response to the advertisement will be scrutinized. Merely fulfilling the requirements prescribed in the advertisement does not automatically entitle an applicant to be called for further selection process. It may not be possible and/or convenient to conduct a written test for all eligible applicants, in which case the Institute can limit the number of applicants to be called for the test on the basis of qualifications and/or experience higher than the minimum prescribed in the advertisement. Hence, the applicants should give all relevant details of qualification and experience with supporting documents if any.

3. Selection Process: There shall be a written test for shortlisting, marks of which will not be carried forward for further selection process. Only shortlisted candidates will be called for the final round of selection process, i.e., an interview. The final selection will be made only on the basis of the interview.

Procedure: On the basis of the performance of candidates in the written test, a shortlist of candidates, per area-of-operation/ discipline, in order of merit, which shall be a maximum of five times the number of positions under each category, will be drawn, subject to they getting marks above the cut-offs as specified below (in case of tie in marks/ score, all the candidates with equal marks may be called for further selection process):

The cut-off percentages or normalized percentages for UR/EWS, OBC(NCL) and SC/ST are 60, 54 and 40, respectively. Only such shortlisted candidates will be called for final interview.

4. Applicant should clearly mention which area (position) they should be considered for shortlisting, from among the two alternatives given, while filling up the online application form in the Cover Letter Section, considering their existing educational qualification(s) and relevant work experience and area wise requirements of positions of the post. The applied area of the post is to be indicated by the applicant in all future correspondences. Incomplete applications shall be summarily rejected.

5. Applicant desirous and eligible to apply for more than one area of operation should clearly specify both areas, they wish to be considered for, with appropriate justifications, in the cover letter section itself. If the applicant does not specify any of the above areas in the cover letter section, the Institute may reject the application for lack of clarity or consider for further test, under one of the areas as deemed fit.

6. The applicants should ensure at their end that they possess the essential qualification(s) and experience laid down for the post. The qualification degree(s) must be from a recognized University / Institute.

7. Details furnished in the online application will be treated as final and no subsequent changes shall be entertained.

8. Eligibility of an applicant for the post shall be considered as on the date of closing of online application interface.

9. The Institute reserves the right not to fill any of the advertised posts.

10. Age relaxation is applicable as per Institute norms.

11. The age limit criterion will be relaxed for persons working in any department/ section/ unit/ project of the Institute for at least three years (220 days or more per year) and who have crossed the age limit criterion during the above period.

12. The application fee is Rs. 100 (non-refundable), which has to be paid through online mode. The SC, ST and PwD applicants and all female applicants are exempted from this fee.

13. Applicants should upload a copy of certificates in support of their qualification(s) (matriculation onwards), experience, date of birth, caste, etc. Certificate(s) in support of experience should be on the organization's letterhead, bearing the date of issuance, specific period of work, designation, pay drawn against each such position, etc., duly certified by the concerned issuing authority.

14. Regarding Caste Validity in case of Scheduled Caste Candidates, the Caste Validity Certificate issued by Scheduled Caste Certificate Scrutiny Committee of the respective State Government should be enclosed with the Application.

15. Original certificates should be produced at the time of Selection Process as well as on Joining.

16. The appointment of selected applicants is subject to the applicant being found medically fit as per norms of the Institute.

17. Age relaxation for SC / ST / OBC category applicants is applicable only if position(s) is/ are reserved for that particular category. Age relaxation to PwD applicants & Ex-servicemen is as per rules.

Applicants seeking reservation benefits available to OBC/PwD category must attach relevant certificates in the format as prescribed by the Central Government to support their claim. Applicants seeking reservation benefits available to OBC category are required to attach a declaration, in addition to certificate in the prescribed format issued by the Competent Authority enclosed at Annexure I.

18. Decision of the Institute in all matters relating to the eligibility of the applicants, Screening / Skill / Written Test/ Interview and Selection shall be final and binding on all the applicants.

19. No correspondence or personal inquiries shall be entertained.

20. No correspondence shall be entertained from applicants regarding conduct and result of Written test/ Skill test/ Interview and reasons thereof for not being called.

21. Applicants serving in Central / State / Semi-Government Organization / Autonomous Body / Public Sector Unit / etc., must apply through proper channel and such applicants will be required to produce relieving letter at the time of joining, if selected, failing which they shall not be permitted to join the post.

22. In case of any inadvertent mistake in the process of selection which may get detected at any stage, even after the issuance of the appointment letter, the Institute reserves the right to modify / withdraw / cancel any communication made to the candidate.

23. In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be final.

24. The Institute shall verify the antecedents or documents submitted by an applicant at any point of time, either at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the applicant are fake or the applicant has a clandestine antecedent(s)/background which the applicant had suppressed at the time of joining, then the applicant's services are liable to be terminated and legal action may be initiated against such an applicant/employee.

25. No traveling allowance (TA) shall be paid to the outstation applicants for attending the written test. However, SC/ST applicants attending the written test shall be paid to & fro second class railway fare, by shortest route, subject to production of tickets and caste certificate. SC/ST applicants already in Central/State Government organization, Autonomous Body, Public Sector Units, etc., are not admissible for the same.

26. Outstation candidates attending the interview will be eligible for reimbursement of travel expenses, to and fro, by air (tickets to be purchased through M/s Balmer Lawrie & Company Limited, M/s Ashok Travels & Tours and Indian Railways Catering & Tourism Corporation Limited only) / 2 tier AC rail, by the shortest route, from the city of residence in India to the Institute, upon production of tickets.

To facilitate online reimbursement of travel expenses, we require duly signed copy of the form available at following the link:

[https://www.iitb.ac.in/sites/www.iitb.ac.in/files/jobs/2018-07/Bank%20details\\_FORM\\_0.pdf](https://www.iitb.ac.in/sites/www.iitb.ac.in/files/jobs/2018-07/Bank%20details_FORM_0.pdf)

Please scan the duly filled-in form with signature and send it to the following e-mail id :  
([jobs@iitb.ac.in](mailto:jobs@iitb.ac.in))

27. Canvassing in any form may lead to disqualification.

28. No interim correspondence will be entertained. For any queries related to submission of online application, the applicant may send e-mails on [jobs@iitb.ac.in](mailto:jobs@iitb.ac.in) . However, inquiries / queries related to eligibility for the post or for interpretation of the rules will not be entertained.

29. Applicants should provide their correct and active e-mail address in the application as all future correspondences like issuance of call letter or any other information will be communicated through e-mail only. Moreover, applicants are advised to remain updated regarding the Selection Process, date and venue, etc., by visiting IIT Bombay website  
<https://www.iitb.ac.in/en/careers/staff-recruitment>

Addendum / Corrigendum, if any, in respect of this advertisement shall be notified through the

Institute's website.

30. Correspondence subsequent to submission of application should essentially be sent to jobs@iitb.ac.in with application ID and job title mentioned in the subject.

31. Those applicants, who have to pay fees online, are automatically redirected to the application portal after payment to submit and complete the application process. After completing the whole process, they should again login into the portal to confirm that their application is submitted. It should be noted that any issue, related to the above process, reported beyond 7 days from the closing date will not be entertained, and candidature will not be considered.

32. Applicants possessing the requisite qualification(s) and relevant experience may apply online at <https://www.iitb.ac.in/en/careers/staff-recruitment>. Soft-copy of application sent over e-mail to any Institute Officials will not be considered for selection process. Hard copy of online application is not required to be sent by post.

33. Any resultant dispute arising out of this advertisement shall be subject to the sole jurisdiction of the Courts situated at Mumbai only.

The date of closing of the online application interface is 05.01.2023.

REGISTRAR

Date: 06.12.2022

Copy to:

- 1 Head/In-charge of all the Deptts. /Sections/Centres.
- 2 All Notice Boards/Staff Notices

## ANNEXURE – I

### DECLARATION

“I \_\_\_\_\_, son / daughter of Shri. \_\_\_\_\_ resident of  
village/town/ city.....district \_\_\_\_\_ state hereby declare that I belong to the  
community which is recognized as a backward  
class by the Government of India for purpose of reservation in services as per orders contained in  
Department of Personnel and Training Office Memorandum No.36012/22/93-Estt. (SCT) dated  
8.9.1993. It is also declared that I do not belong to persons/sections (Creamy Layer) mentioned in  
Column 3 of the Schedule to the above referred Office Memorandum dated 8.9.1993 and its  
subsequent revision through O.M.No.36033/1/2013-Estt. (Res) dated 27.05.2013 and 13.09.2017”.

Signature of the Candidate Name of the Candidate Place:

Date: