INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
POWAI, MUMBAI 400076.

Advertisement No.: Admin-II/EXT114/2023

Job Title
TECHNICAL SUPERINTENDENT (4 POSITIONS)

Job Reference Number
50454187

Application End Date
01.06.2023

Type of Employment
Temporary-On Scale

No. of Position(s)
 4

Application Category(s)
4(SC-1, OBC-1, UR-1, EWS-1)

IITB Recruiting:

IIT Bombay invites online application from Indian citizens having requisite qualification(s) and experience, for four positions of Technical Superintendent post, to be deployed to different departments/ sections of the Institute, on selection :

Essential Qualifications & Experience:

B.E. / B.Tech/ M.Sc. or an equivalent degree in Computer Engineering/ Electronics Engineering/ Electronics & Telecommunication/ Computer Science/ IT/ Computer Applications/ Computer Management with relevant experience of one year after the qualifying degree.

OR

Bachelor's degree (other than B.Tech. / B.E.) in Computer Engineering/ Electronics Engineering/ Electronics & Telecommunication/ Computer Science/ IT/ Computer Applications/ Computer Management with relevant experience of four years after the qualifying degree.

OR

3-year diploma in Electronics Engineering/ Electronics & Telecommunication/ Computer Science/ IT/ Computer Applications with relevant experience of six years after the diploma.

(Essential Experience)

Experience in either computer/server systems administration or network (wired/wireless/telecom) systems administration in a large enterprise and/or experience with managing multiple websites/web applications either on the front-end or back-end.
1. Should have hands-on experience with any Linux-based operating system.
2. Experience with hardware troubleshooting of enterprise servers/workstations or enterprise grade managed network switches or telephone exchange equipment.
3. Should have a basic knowledge of IPV4, IPV6, LDAP, web servers (apache, nginx, etc.), mail servers, DNS, DHCP, and shared file systems like NFS on any Linux flavor.
4. Should know basic shell scripting (or any general purpose programming language) and basic

HTML.
5. Should have knowledge of VPN, SSH, Telnet, FTP, and SIP.
6. Basic knowledge of wired and wireless communications: terminologies, configuration, VLAN, subnetting, and routing.
7. Good analytical and troubleshooting skills.

(Desirables)

1. Well-versed in Linux system administration, installation of OS and drivers, and network configuration on Servers, Switches, Routers, etc.
2. Well-versed in LDAP, webservers like Apache, Nginx, Email servers (Postfix/Dovecot), DNS, Reverse and forward Proxy, VPN, NFS, Samba, DHCP, and mailing lists.
3. Knowledge about types of OFC and copper cables. Knowledge of how to measure losses in OFC, OFC splicing, and structured cabling, etc.
4. Well-versed in virtualization, containers, and cloud terminologies. (KVM, Proxmox, Openstack, Docker, etc.)
5. Good command over the English language and workplace communication, documentation, and workflow management skills. Knowledge of the government purchase process will be desirable.
6. Knowledge of web based management of network switches.
7. Knowledge of ping, traceroute or mtr or tracert, dig, find, iproute, ipconfig, ifconfig, SNMP and dynamic routing.
8. Understanding web technologies, such as Django, Drupal, Angular, MongoDB, etc., will be advantageous.
9. Knowledge of EPABX/IP-PBX with working experience of underground telecom cable/ optical fibre communication, Main Distribution Frame (MDF), battery supply and UPS.

Job Profile:

The selected candidate is expected to join a team responsible for performing system administration tasks and planning for all aspects of IIT Bombay's IT infrastructure. Specifically, the following will be part of the task list.

1. Installation, configuration, upgradation, troubleshooting, and monitoring of Linux servers, and open-source services or network configuration of distribution and access switches / WiFi controllers/access points.
2. In-house application development to support various services.
3. Independent handling of research and troubleshoot complex issues, providing technical support needed to run all IT and networking services at full capacity.
4. Preparation and maintenance of technical documentation like networking, server, DMZ architecture, configuration guides for staff; how to's for the end user; tender documents for procurement of hardware and services, etc.
5. Interaction with campus users to understand their requirements and issues and effectively communicate policies and resolutions to the users at all levels of the organization.
6. Maintain networking and telecom infrastructure related to the network/telephone exchange and coordinate with ISP/TSP.

Pay Details:

Pay Level 6 (35400-112400)/ Pay Level 7 (44900-142400) as per provisions of Recruitment Rules and Promotion Policy of the Institute. Initial appointment on 3-year contract at Pay Level 6 (35400-112400). Subsequent substantive appointment at Pay Level 7 (44900-142400) by placement. Age limit: 32 years (on the application closing date) with applicable age relaxations.

General information:

1) These are contractual positions of the post as per Recruitment Rules and Promotion Policy of the Institute.

2) Scrutiny/ Screening of applications :

Applications in response to the advertisement will be scrutinized and shortlisted. 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 Written Test for all eligible applicants, in which case the Institute can limit the number of applicants to be called for Written 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: The selection process comprises of a written test from which a shortlist [certain multiple of number of advertised position(s)] shall be drawn from the list of qualified candidates in order of merit. A skill (trade/ proficiency) test may be additionally conducted which shall be qualifying in nature. Final selection shall be as per the shortlist drawn on the basis of the written test marks. To be eligible for recruitment, a candidate is required to obtain 60% marks (55% for SC candidates) in the written test as well as the skill test.

4) 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.

5) Incomplete application shall be summarily rejected.

6) Initially, post would be on contract for 3 years. The performance of the selected/ appointed staff member shall be assessed before expiry of the contract and only those found suitable will be offered a substantive post after completion of 3 years of service on contract. Appointment of staff members on contract not found suitable shall be terminated on completion of the contract period.

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 positions of the post(s).

10) The age limit criterion will be relaxed for applicants working in any department / section / unit / project of the Institute provided they have served 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.

11) Age relaxation is applicable as per Institute norms.

12) Diploma in an appropriate discipline is normally implied to be a post matriculation degree, unless otherwise stated. For a diploma in a given discipline, if the pre-requisite happens to be Intermediate or equivalent, the required experience will be reduced by two years.

13)The application fee is Rs. 50 (nonrefundable), which has to be paid through online mode. The SC, ST and PwD applicants and all female applicants are exempted from this fee.

14) Applicants should upload 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.

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

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

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

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

19) Applicants seeking reservation benefits available to OBC (NCL)/ PwD/ EWS 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 (NCL) category are required to attach a declaration, in addition to certificate in the prescribed format issued by the Competent Authority enclosed at Annexure I.

20) Persons who are not covered under the existing scheme of reservations to the Scheduled Castes, the Scheduled Tribes and the Socially and Educationally Backward classes and whose family has gross annual income below Rs. 8.00 lakh are to be identified as EWSs for the benefit of reservation. Family for this purpose will include the person who seeks benefit of reservation, his/ her parents and sibling below the age of 18 as also his/ her spouse and children below the 18 years. The income shall include income from all sources i.e salary, agriculture, business, profession etc.and it will be income for the financial year prior to the year of application. Also, person whose family owns or possesses any of the following asset shall be excluded from being identified as EWSs, irrespective of the family income :
(a) 5 acres of agricultural land and above;
(b) Residential flat of 1000 sq. ft. and above;
(c) Residential plot of 100 sq. yards and above in notified municipalities ;
(d) Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

21) The income and asset of the families as mentioned in the above para (20) would be required to be certified by an Officer not below the rank of Tehsildar in the States/ UTs. The candidates shortlisted for document verification shall be required to bring the requisite certificate as specified by the Government of India at the time of appearing for the process of document verification.

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

23) No correspondence or personal inquiries shall be entertained.

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

25) 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.

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

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

28) 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.

29) 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. Payment will be made through bank transfer after processing of the claims.

30) Canvassing in any form shall lead to disqualification.

31) No interim correspondence will be entertained.

32) For any queries related to submission of online application, the applicant may send e-mails on jobs@iitb.ac.in However, inquiries / queries related to eligibility for the post or for interpretation of the rules will not be entertained.

33) 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.

34) Applicants possessing the requisite qualification(s) and relevant experience may apply online at https://www.iitb.ac.in/en/careers/staff-recruitment

35) 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.

36) Those applicants, who have to pay fees online, are automatically redirected to the application portal after payment to submit and complete application process. After completing the whole process, they should again login into the portal to confirm that his/her 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.

37) Correspondence subsequent to submission of application should essentially be sent to jobs@iitb.ac.in with appliction ID, Job title and Job Ref. No. mentioned in the subject.

38) 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 online application interface is 01.06.2023.

REGISTRAR

Date: 02.05.2023

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: