

C-DAC, Chennai invites applications for the post of Project Engineer and Project Associate on Contract Basis

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Centre for Development of Advanced Computing (C-DAC), is a Scientific Society of the Ministry of Electronics and Information Technology (MeitY), Government of India. C-DAC has today emerged as a premier R&D organization in ICT&E (Information, Communications Technologies and Electronics) in the country, working on strengthening national technological capabilities in the context of global developments in the field and responding to change in the market need in selected foundation areas. C-DAC represents a unique facet working in close junction with MeitY to implement nation's policy and pragmatic interventions and initiatives in Information Technology. As an institution for high-end Research and Development (R&D), C-DAC has been at the forefront of the Information, Communications Technologies and Electronics (ICT&E) revolution, constantly building capacities in emerging/enabling technologies and innovating and leveraging its expertise, caliber and skill sets to develop and deploy products and solutions for different sectors of the economy.

C-DAC's areas of expertise range from R&D work in ICT&E Technologies to Product Development, IP Generation, Technology Transfer and Deployment of Solutions. Primary Thematic or Thrust Areas addressed by C-DAC are:

- High Performance Computing and Grid & Cloud Computing
- Multilingual Computing & Heritage Computing
- Professional Electronics, VLSI & Embedded Systems
- Software Technologies including FOSS
- Cyber Security & Cyber Forensics
- Health Informatics
- Education & Training

C-DAC, Chennai is looking for bright & result oriented persons for various short term projects. We are inviting applications for the following positions in various projects for appointment purely on contract basis on a Consolidated salary:

Project Engineer- 15 (Fifteen) posts and Project Associate- 4 (Four) posts

However, the pay will be fixed based on work experience for deserving candidates. The Contract duration is initially for a period of **01 (One)** year or co-terminus with the project whichever is earlier.

Applicable Reservation: **Project Engineer:** UR-9, OBC-3, SC-1, EWS-1, ST-1

Applicable Reservation: **Project Associate:** UR-3, OBC-1

POSITION DETAILS FOR PROJECT ENGINEER AND PROJECT ASSOCIATE

Sl.no	Designation	Post Code	No. Of. Posts	Max age (Relaxation as per Gol norms)	Educational Qualification

1	Project Engineer	BSC Developer	6 Posts	Below 35 Years as on 18 Jan 2022	1st Class (60%) B.E/B.Tech or equivalent degree in relevant discipline (CSE/IT/ECE) Or Post graduate degree in science/technology/Engineering/ Computer application
2	Project Engineer	Cloud Developer	2 Posts		
3	Project Engineer	E-Governance-App. Developer	1 Post		
4	Project Engineer	BSC-Support	5 Posts		
5	Project Engineer	Ubicomp	1 Post		
6	Project Associate	Cloud Support	4 Posts		

1. Project Engineer (BSC Developer)

1. Project Engineer (BSC Developer)	
Post	Project Engineer
Post Code	BSC Developer
No. of Posts	6 (Six)
Place of Posting	Initial place of posting will be C-DAC, Chennai. However the selected candidates may be transferred to any other office/project sites in India or abroad
Duration of the position	Initially for a period of 01 (One) year or co-terminus with the project whichever is earlier.
Educational Qualification & Experience	1st Class (60%) B.E/B.Tech or equivalent degree in relevant discipline (CSE/IT/ECE) Or Post graduate degree in science/technology/Engineering/ Computer application
Required Knowledge and Skill Set	Basic Programming skills in C/C++/Python/Shell/Java/Php Basic knowledge of Unix/Linux OS Fundamentals of 'C' and exposure to shell scripting Basic knowledge of Cryptographic algorithms and their implementation Exposure to formal methods, formal verification of software/ hardware systems Good debugging, problem solving / analytical skills Good interpersonal skills and ability to work in a team Good Communication in English

Job Description	Development of the application based on Open Source & Customisation in BOSS Linux variants
Consolidated Salary:	Rs.40,000/- per month (The pay will be fixed based on work experience for deserving candidates)
Maximum Age	Below 35 years as on the last date prescribed for registration of application. Relaxation as per Government of India norms.
* Decision of Competent Authority in CDAC will be final in all aspects of recruitment.	
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2. Project Engineer (Cloud Developer)

2. Project Engineer (Cloud Developer)	
Post	Project Engineer
Post Code	Cloud Developer
No. of Posts	2 (Two)
Place of Posting	Initial place of posting will be C-DAC, Chennai. However the selected candidates may be transferred to any other office/project sites in India or abroad
Duration of the position	Initially for a period of 01 (one) year or co-terminus with the project whichever is earlier.
Educational Qualification & Experience	1st Class (60%) B.E/B.Tech or equivalent degree in relevant discipline (CSE/IT/ECE) Or Post graduate degree in science/technology/Engineering/ Computer application

Required Knowledge and Skill Set	<p>Role 1: Cloud</p> <p>Expertise in Cloud computing (preferably Openstack)</p> <p>Certification on Cloud computing preferable</p> <p>Knowledge on Computer Networking, Hardware</p> <p>Basic Programming skills & Good Communication in English</p> <p>Expertise in Linux OS & Python</p> <p>Good debugging, problem solving / analytical skills</p> <p>Good interpersonal skills and ability to work in a team</p> <p>Role 2: UI</p> <p>Fluent in the essential front-end web development languages and frameworks, i.e., HTML, CSS, JavaScript and Bootstrap</p> <p>Knowledge in Adobe Creative Suite programs, e.g., Photoshop, Illustrator, Flash & Flex to mockup UI elements.</p> <p>Desirable Skills: Responsive web design to create applications that automatically conform to multiple screen sizes/devices.</p> <p>Conduct usability testing to identify and fix UI issues, and gather real-world intelligence from target users.</p> <p>Use social network APIs (from Facebook, Twitter, Google+, LinkedIn, Pinterest, etc.) to integrate social actions.</p> <p>Good Communication skills</p> <p>Basic knowledge of Unix/Linux OS</p>
Job Description	<p>Role:1</p> <p>Deployment of Cloud in client locations</p> <p>Development of Cloud suite based on Openstack</p> <p>Management, monitoring, maintenance and support of Cloud at client locations</p> <p>Managing the Security Services as part of the CSA-TN Projects</p> <p>Role 2:</p> <p>Graphics and content development for social media platform</p>
Consolidated Salary:	Rs.40,000/- per month (The pay will be fixed based on work experience for deserving candidates)
Maximum Age	Below 35 years as on the last date prescribed for registration of application. Relaxation as per Government of India norms.
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3. Project Engineer (E-Governance- App. Developer)

3. Project Engineer (E-Governance- App. Developer)	
Post	Project Engineer
Post Code	E-Governance – Application Developer
No. of Posts	01 (One)
Place of Posting	Initial place of posting will be C-DAC, Chennai. However the selected candidates may be transferred to any other office/project sites in India or abroad
Duration of the position	Initially for a period of 01 (one) year or co-terminus with the project whichever is earlier.
Educational Qualification & Experience	1st Class (60%) B.E/B.Tech or equivalent degree in relevant discipline (CSE/IT/ECE) Or Post graduate degree in science/technology/Engineering/ Computer application
Required Knowledge and Skill Set	<p>Essential Skills: JAVA 8 and above, JEE, Spring MVC, Spring boot, Spring Data, Hibernate, PostgreSQL, Javascript</p> <p>Desirable Skills: Design Patterns, Micro services Messaging services</p> <p>Good Communication skills</p> <p>Basic knowledge of Unix/Linux OS</p> <p>Good problem solving / analytical skills</p> <p>Ability to creatively solve complex problems with simple solutions</p>
Job Description	Application Development using JAVA
Consolidated Salary:	Rs.40,000/- per month (The pay will be fixed based on work experience for deserving candidates)
Maximum Age	Below 35 years as on the last date prescribed for registration of application. Relaxation as per Government of India norms.

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4. Project Engineer (BSC Support)

4. Project Engineer (BSC Support)	
Post	Project Engineer
Post Code	BSC Support
No. of Posts	05 (Five)
Place of Posting	Delhi-2, Mumbai-1, Bhopal-1 and anywhere in India-1 Preference will be given to the local candidates from the aforesaid city however the selected candidates may be transferred to any other office/ project sites in India or abroad
Duration of the position	Initially for a period of 01 (one) year or co-terminus with the project whichever is earlier.
Educational Qualification & Experience	<ul style="list-style-type: none"> • 1st Class (60%) B.E/B.Tech or equivalent degree in relevant discipline (CSE/IT/ECE) Or Post graduate degree in science/technology/Engineering/ Computer application
Required Knowledge and Skill Set	<p>Basic Programming skills in C/C++/Python/Shell Scripting</p> <p>Basic knowledge of Linux OS</p> <p>Exposure to formal methods, formal verification of software/hardware systems</p> <p>Good debugging, problem solving / analytical skills</p> <p>Good interpersonal skills and ability to work in a team</p> <p>Good Communication in English and Hindi</p> <p>Any Linux Certification is preferable</p>
Job Description	Boss Linux troubleshooting and Supports at Client location
Consolidated Salary:	Rs.40,000/- per month (The pay will be fixed based on work experience for deserving candidates)
Maximum Age	Below 35 years as on the last date prescribed for registration of application. Relaxation as per Government of India norms.

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5. Project Engineer (Ubicomp)

5. Project Engineer (Ubicomp)	
Post	Project Engineer
Post Code	Ubicomp
No. of Posts	01 (One)
Place of Posting	Initial place of posting will be C-DAC, Chennai. However the selected candidates may be transferred to any other office/project sites in India or abroad
Duration of the position	Initially for a period of 01 (one) year or co-terminus with the project whichever is earlier.
Educational Qualification & Experience	<ul style="list-style-type: none"> • 1st Class (60%) B.E/B.Tech or equivalent degree in relevant discipline (CSE/IT/ECE) Or Post graduate degree in science/technology/ Engineering/ Computer application
Required Knowledge and Skill Set	<ul style="list-style-type: none"> ▪ Experience in programming tools like Pandas, OpenCV, Scikit-learn, Keras, Tensorflow,Pytorch ▪ Experience in Computer Vision/ Deep Learning projects like object detection, object segmentation and face recognition projects. ▪ Certifications-Courses in Deep Learning, Tensorflow programming, Pytorch programming will be an added advantage. ▪ Experience in Machine Learning Algorithm implementations like K-Means Clustering, K-Nearest Neighbor, XG Boost etc ▪ Basic Programming skills in Python/C/C++/Shell ▪ Basic knowledge of Unix/Linux OS ▪ Exposure to formal methods, formal verification of software/ hardware systems ▪ Good debugging, problem solving / analytical skills ▪ Good interpersonal skills and ability to work in a team ▪ Good communication skills
Job Description	<ul style="list-style-type: none"> ▪ Development of Artificial Intelligence, computer vision & deep learning solutions
Consolidated Salary:	Rs.40,000/- per month (The pay will be fixed based on work experience for deserving candidates)

Maximum Age	Below 35 years as on the last date prescribed for registration of application. Relaxation as per Government of India norms.
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6. Project Associate (Cloud Support)

6. Project Associate (Cloud Support)	
Post	Project Associate
Post Code	Cloud Support
No. of Posts	4 (Four)
Place of Posting	Initial place of posting will be C-DAC, Chennai. However the selected candidates may be transferred to any other office/project sites in India or abroad
Duration of the position	Initially for a period of 01 (one) year or co-terminus with the project whichever is earlier.
Educational Qualification & Experience	1st Class (60%) B.E/B.Tech or equivalent degree in relevant discipline (CSE/IT/ECE) Or Post graduate degree in science/technology/Engineering/ Computer application
Required Knowledge and Skill Set	<p>Expertise in Cloud computing (preferably Openstack)</p> <p>Certification on Cloud computing preferable</p> <p>Knowledge on Computer Networking, Hardware</p> <p>Basic Programming skills & Good Communication in English</p> <p>Expertise in Linux OS & Python</p> <p>Good debugging, problem solving / analytical skills</p> <p>Good interpersonal skills and ability to work in a team</p> <p>Cloud Administration certificate is preferable</p>

Job Description	Deployment of Cloud in client locations Development of Cloud suite based on Openstack Management, monitoring, maintenance and support of Cloud at client locations Managing the Security Services as part of the CSA-TN Projects Willing to work in night shifts on rotational basis
Consolidated Salary:	Rs.34,000/- per month (The pay will be fixed based on work experience for deserving candidates)
Maximum Age	Below 35 years as on the last date prescribed for registration of application. Relaxation as per Government of India norms.
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Note:CANDIDATES ARE ADVISED TO CAREFULLY READ THE DETAILED ADVERTISEMENT BEFORE FILLING THE ONLINE APPLICATION.

How to apply:

- Before filling the online application form, Candidates should read 'General Terms and Conditions' carefully.
- Candidate should read all the eligibility parameters and ensure that he/she is eligible for the post before starting to apply online.
- Candidate should have a valid email id and mobile no. which should remain valid & active till the completion of selection process.
- Candidates can click on the '**Apply**' button provided against each position for which he/she wishes to apply.
- Fill all the details in the application form at the appropriate places.
- After filling all the details in online application form click on '**Submit**' button.
- Candidates should scan their photograph in .jpg format (not more than 300 KB) and keep it ready before starting to apply online for uploading.
- A unique application number will be generated by the system, please note this application number for future reference and use. Candidates can take a print of the application form and keep it with them for their own records and you should carry signed application at the time of written test/ Interview.
- Hard copy/ printed applications should **NOT** be sent to C-DAC.
- Candidates are advised to evaluate themselves which is most suitable to their qualification and experience. As such the candidates are advised to go through the requirement of educational qualification, experience and other conditions carefully before choosing the post for which they wish to apply.
- It is the responsibility of the candidates to assess his/her own eligibility for the post for which he/she is applying in accordance with the advertisement. In case, it is found at any point of time in future during process of selection or even after appointment that the candidate was not eligible as per prescribed qualification, experience etc, which could not be found at the time of selection due to whatever circumstances, his/her candidature/appointment shall be liable to be cancelled/ terminated as case may be without giving any notice.
- Candidate working in Government of India/ State Government (Department/ Undertaking/ PSUs/ Autonomous bodies) may also apply online in advance and print of the application form, duly filled, and signed should be forwarded through proper channel to Head HRD, C-DAC Chennai.
- Those who are not forwarding their application through proper channel are required to produce 'No objection certificate (NOC)' from their current employer at the time of interview, if called for, failing which they will not be permitted to attend the interview.

- **Candidates are advised to read the job profile carefully and may note that one candidate is advised to apply for One Post only which is most suitable to their qualification and experience before choosing the post for which they wish to apply.**

Closing date for applying online: The last date for online submission of application is 18 January 2022 at 1700hrs

IMPORTANT DATES:

A	Commencement of on-line Registration of application by candidates	03 January 2022
B	Last date for on-line registration of application by candidates	18 January 2022 till 5 PM
C	Written Test /Interview date	Will be communicated by email only

Please Note: The appointment against the above mentioned positions is purely on temporary contract basis on consolidated pay for a fixed duration and against specific approved projects.

The candidates are advised to visit C-DAC website regularly for notices/information.

Corrigendum/Extension etc., if any, shall be published in our website www.cdac.in only.

General Terms & Conditions:

Above mentioned positions are on consolidated contract for a fixed duration and against approved projects.

The positions are purely on contract basis on consolidated emoluments, initially for a period of 1 year or up to the duration of project whichever is less. Term of contract may be considered for extension for a further period based on performance of the employee & requirement and duration of project. However, C-DAC reserves the right to terminate the contract even during the agreed contract period or extended contract period without assigning any reason.

Duration of projects also may vary as per requirements. However, based on organizational requirements, the selected candidate may be assigned to other project also.

The positions are time bound, co-terminus with the Project and are purely contractual in nature for specified duration

1. Reservation:

- Reservation for SC/ST/OBC/EWS will be applicable as per the Govt. of India norms, as applicable to C-DAC.
- Candidate belonging to reserved categories should produce the certificates at the time of written test / skill test / interview etc., if called for should be issued by competent authority in the prescribed format as stipulated by Government of India, failing which such candidates will not be allowed to attend the interview / selection test against reserved posts and will not be allowed to claim the relaxations applicable in case of reservation.
- In case of candidates belonging to OBC category, certificate should specifically contain the clause that the candidate does not belong to creamy layer section.
- Reservations for Economically Weaker Sections (EWS) shall be applicable as per DoPT OM.No.36039/1/2019-Estt(Res) dated 31st January, 2019.

2. Relaxation/ Age Limit:

- Applicants belonging to the reserved category SC/ST/OBC would be eligible for relaxations according to the Government of India norms.
- Government employees will be eligible for relaxation in age by 5 years including other age relaxations under reserved category.
- C-DAC internal candidates also will be eligible for an age relaxation of 5 years including other age relaxations under reserved category.
- The cut-off date for ascertaining the age and experience will be **18 Jan 2022**.

3. Mode of Selection:

Applicants meeting the eligibility criteria will be informed by e-mail, to appear for a "written test/ skill test/ Interview". Selection will be based on multi-level interviews to be conducted at C-DAC, Chennai (through video conferencing or In Person). Management reserves the right to change/modify the selection process at any time, during the process, at its discretion. The decision of the management will be final and binding.

- The qualification and experience prescribed are the minimum requirements and possession of the same does not automatically make the candidates entitled to be called for interview and selection processes.
- There will be an initial screening based on the academic and other parameters given in the application and only those screened-in will be considered for further selection process.
- The management reserves the right to increase the minimum eligibility criteria/cut off limits, in the event of the number of applicants are more, for any post(s) at its discretion. Candidates will be selected on the basis of their academic credentials, experience profile, performance in the interview and such other selection processes/parameters, as deemed fit by management.
- The number of vacancies indicated in the notification is tentative. C-DAC reserves the right to increase or decrease the number of advertised posts at the time of selection. Further, C-DAC also reserves the right NOT to fill any of the posts advertised. Also the posts are time bound and are purely contractual in nature for specified duration. The persons engaged on contract will not derive any right or claim to have a regular post in C-DAC.

4. Qualification:

- All the qualifying qualifications should be regular course(s) from AICTE/UGC approved/recognized University/Deemed University/Institutes. The courses offered by autonomous institutions should be recognized as equivalent to the relevant courses approved/recognized by Association of Indian Universities (AIU)/UGC/AICTE.
- Wherever CGPA/OGPA or letter grade in a qualifying degree is awarded, equivalent percentage of marks should be indicated in the application form as per norms adopted by the respective University/Institute. Please also obtain a certificate to this effect from University / Institute, which shall be required at the time of interview.
- **Candidates awaiting final year examination results are not eligible to apply. Only passed-out candidates can apply.**
- **1st Class (60%) B.E/B.Tech** or equivalent degree in relevant discipline (CSE/IT/ECE) Or Post graduate degree in science/technology/Engineering/ Computer application

5. Experience:

Only those experiences which are relevant and acquired after the passing date of the qualifying qualification will be considered. The decision of C-DAC in this regard will be final and binding.

Important Notes:

- In case of any ambiguity/dispute arises on account of interpretation in version other than English, English version will prevail.
- **Canvassing in any form will be a disqualification for selection.**
- **Written test/ Interview Call Letters, other correspondences (if any) etc.** will be send to **candidatesthrough email** at the email id provided in their application form. No hard copy will be sent.
- **Mere issue of Interview call letter will not imply acceptance of candidature or selection for the post.**
- In case of internal candidates, please note that the finally selected candidates will have to resign from the services and join the post as fresh employees.
- All queries pertaining to recruitment including selection process should be addressed to our Recruitment Team only by calling 044-22542226. Kindly note that we have not authorized any agent/ agency for representing C-DAC for anything related to recruitment or its processes.
- **Number of vacancies may increase/decrease based on the final assessment and such changes will be made by C-DAC without any notice.**
- **If a candidate is not found suitable for the position applied for he/she may be considered for lower position on receipt of willingness of the candidate.**
- **C-DAC reserves the right to cancel or introduce any examination/Personal Interview/Other selection process.** C-DAC also reserves the right to cancel/restrict/curtail/enlarge the recruitment process and/or the selection process without any notice and without assigning any reasons.

- The management reserves the rights to raise/increase the minimum eligibility criteria/cut off limit in the event no. of applicants meeting the minimum eligibility criteria is more than 10 times of the number of vacancies.
- **All the posts will be filled as per the Recruitment Rules of C-DAC.**
- It is the responsibility of the candidates to assess his/her own eligibility for the post for which he/she is applying in accordance with the advertisement. **In case, it is found at any point of time in future during process of selection or even after appointment that candidate was not eligible as per prescribed qualification, experience etc, which could not be found at the time of selection due to whatever circumstances, his/her candidature/appointment shall be liable to be cancelled/terminated as case may be.**
- Choosing a particular department /project does not entitle the candidate to be appointed in the same department itself. If selected, management reserves the right to post the candidate in any department, right to assign duties in any location where C-DAC has its centre or project site.
- **Candidates are advised to read the job profile carefully and may note that one candidate is advised to apply for One Post only which is most suitable to their qualification and experience before choosing the post for which they wish to apply.**
- All positions are transferable on all India or abroad
- No TA /DA will be provided for attending the written test / interview.

Human Resource Development Division

Centre for Development of Advanced Computing

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