

To be posted on BCAS Website

No: CAS-56/13/2021-Training Division-BCAS (E- 202527)

Government of India
Bureau of Civil Aviation Security
'A' Wing, I-III Floor, Janpath Bhawan,
Janpath, New Delhi

Dated: 18th August, 2021

Invitation of applications for engagement as Young Professionals in the Bureau of Civil Aviation Security, Ministry of Civil Aviation

The Bureau of Civil Aviation Security, an attached office of Ministry of Civil Aviation invites applications to engage Young Professionals (YPs) from Information Technology (IT) field for timely completion of **e-BCAS project**. These YPs are to be engaged to develop modules, maintenance, audit & maintenance of server of the modules. Only applicant with requisite qualification and experience as prescribed in the annexure would be engaged as YPs. Each applicant has to specify for which post he/she is applying for. Duly filled up applications along with self-attested copies of testimonials regarding qualification/experience (*in triplicate*) may be sent to Deputy Director (Pers.), Bureau of Civil Aviation Security, 2nd Floor, Janpath Bhawan, New Delhi-110001 within 03 weeks of hosting of this advertisement on BCAS website. Name of the post, Number(s) of the position, Qualification/experience required and scope of work are detailed at the Annexure A (1-5).

2. **Tenure of Engagement** :- These YPs are initially to be engaged for a period of one year which can be extended as per project need after evaluation.

3. **Remuneration** :- A fixed amount of remuneration would be paid as under :-

- | | | | |
|-------|------------------------------------|---|----------------|
| (i) | YPs having experience of 3-5 years | = | Rs. 50,000/- |
| (ii) | YPs having experience of 5+ years | = | Rs. 75,000/- |
| (iii) | YPs having experience of 10+ years | = | Rs. 1,00,000/- |

4. **Other entitlements/allowances/facilities** :-

- (a) **Increment** : No increment shall be allowed.
- (b) **TA/DA** : No TA/DA shall be admissible for attending the interview, joining BCAS or on completion of their engagement.

(c) **Other allowances/facilities** :

- (i) The Young professionals will not be entitled for any separate monthly allowances, House rent Allowances etc.
- (ii) The Young professionals will not be eligible for any other facilities such as telephone, Accommodation, Transport facilities etc.

5. **Leave** :

- (i) The Young professionals shall be eligible for 08 days leave in a single year of engagement.

- (ii) The leaves shall accrue to YPs on completed month basis, calculated from their date of joining on pro-rata basis.
- (iii) An YP shall not draw any remuneration in case of his/her absence period beyond 8 days in a year (calculated on pro-rata basis).
- (iv) Un-availed leave in engagement of one year cannot be carried forward to next year of engagement, in case engagement extends.
- (v) The intervening Saturdays, Sundays or Gazetted holidays during a spell of leave shall not be counted against the 8 leaves.

6. **Attendance and working days :** The working hours of the YPs shall be same as regular Govt. employees working in BCAS. No extra remuneration shall be allowed for working beyond office hours on Saturday/Sunday. However, compensatory leave in such cases shall be at the discretion of the competent authority in BCAS. The Attendance shall be marked in Bio-metric system when such order will be issues.

7. **Confidentiality and secrecy :** During the period of assignment with BCAS the YPs would be subject to the provisions of India Official Secret Act 1923 and will not divulge any information gathered during the assignment. Selected candidates shall provide integrity certificates from 2 references known to them. A self undertaking shall be provided by the candidates to the effects that no criminal record or criminal case in any court is pending against him/her.

8. **Conflict of interest :** The young professional shall be expected to follow all the rules and regulation of the Govt. of India which are in force. He/She will be expected to display utmost honesty, secrecy of office and sincerity during assignment. In case the services of YPs are not found satisfactory his/her service will be liable for discontinuation without assigning any reason.

9. **Termination of services and requirement of notice :**

- (i) The engagement is on full-time basis and it would not be permitted to take up any other assignment during the period of engagement.
- (ii) Termination shall be effected by written notice of 30 days served to the Young Professionals. The termination will be without prejudice to either party rights accrued before termination.
- (iii) BCAS reserve the rights to terminate the contract without giving any explanation or whatsoever with immediate effect without any remuneration or notice period on the ground of proven misconduct.
- (iv) The Young Professional is required to give 30 days' written notice to the BCAS Authority in case he/she opts to quit the assignment.
- (v) The contract of Young professionals may be terminated, after giving one month notice, in following situation :-
 - If the Young professional is unable to do the assigned work.
 - Quality of the assigned work is not to the satisfaction of the BCAS.
 - If the young Professional is absent from duty without due authorization

If BCAS not renew the contract of the Young Professional, then at the end of engagement period.

10. **Other terms & conditions :-**

- (i) The Young Professional will be required to discharge the duties as assigned to him/her by the BCAS.
- (ii) The Income tax or any other tax liable to be deducted as per the prevailing rules will be deducted at source before effecting the payment for which the BCAS will issue TDS certificate(s).
- (iii) The Young professional shall, in no case, work for any other authority.

Rakhee Sadhu

(Rakhee Sadhu)
Deputy Director (Pers.)

ANNEXURE- A (1)

Name & Number of the Post: Project Manager/Program Manager – 01 Post

Experience required: 10+ years

Qualifications, Skill Set & Experience required:

- B.E./B. Tech. in Computer/IT/ M Sc. (IT/CS) or M.C.A or higher from a recognized university.
- Proficient in Java/JavaEE1.8 with Spring & Hibernate with Angular JS, including custom module development, key contributed modules and core API.
- Proficient in the Creation, Administration and Maintenance of Java based modules and sites.
- Experience with integrating open source and third-party applications into existing systems.
- Experience with PostgreSQL Databases, RESTful API Services, AJAX, Servlets, HTML, JavaScript/jQuery, CSS, MVC framework
- Experience with Mobile and responsive development skills
- Experience with addressing scalability and replication.
- Familiarity with Continuous Integration (CI) and Continuous Delivery (CD)
- Familiarity with source control systems such as Subversion (SVN), GIT, RTC, etc.
- Familiarity with Software Development Lifecycle (e.g., Requirements, Design, Development, Testing) and exposure to Agile or iterative SDLCs.
- Results-oriented, reliable, able to work under pressure.
- Ability to communicate technical ideas to business users and other teams (Design, QA)
- Ability to both collaborate with team members and to work independently.
- Eager to embrace current and emerging technologies (Big Data, Hadoop, NoSQL, etc.).
- Minimum 1 year of experience as a Project Manager for IT implementation in a Project
- Exposure to Govt. Projects is preferred.

Scope of work:

- The Project Manager will be over all responsible for Managing theIT project.
- Requirement gathering, Analysis, Designing, Development, Testing, Deployment, Implementation, Training as Project-Life Cycle.
- Assign, Assist and reviewing the tasks of the team members.
- Coordinating with different stakeholders.
- Should work as solution expert for the team
- System Performance reviewing.
- Assistance in bug fixing as per cyber security norms and other security agencies which provides advisories
- Imparting necessary training to users under Capacity Building Program
- He will responsible to prepare and submit the weekly, monthly project status report to BCAS for progress review.

Name and Number of the Post: Developer – 01 Post

Experience required: 5+ years

Qualifications, Skill Set & Experience required:

- B.E./B. Tech. in Computer/IT/ M Sc. (IT/CS) or M.C.A or higher from a recognized university.
- Proficient in Java/JavaEE1.8 with Spring & Hibernate with Angular JS, including custom module development, key contributed modules and core API.
- Proficient in the Creation, Administration and Maintenance of Java based modules and sites.
- Experience with integrating open source and third-party applications into existing systems.
- Experience with PostgreSQL Databases, RESTful API Services, AJAX, Servlets, HTML, JavaScript/jQuery, CSS, MVC framework
- Experience with Mobile and responsive development skills preferred
- Experience with addressing scalability and replication preferred.
- Familiarity with Continuous Integration (CI) and Continuous Delivery (CD)
- Familiarity with source control systems such as Subversion (SVN), GIT, RTC, etc.
- Familiarity with Software Development Lifecycle (e.g., Requirements, Design, Development, Testing) and exposure to Agile or iterative SDLCs.
- Results-oriented, reliable, able to work under pressure.
- Ability to communicate technical ideas to business users and other teams (Design, QA)
- Ability to both collaborate with team members and to work independently.
- Eager to embrace current and emerging technologies (Big Data, Hadoop, NoSQL, etc.).
- Exposure to Govt Projects is preferred.

Scope of work:

- The Developer will be responsible for Development, deployment and integration of the project.
- Coordinating with different stakeholders.
- Assistance in bug fixing as per cyber security norms and other security agencies which provides advisories.
- Preparation of technical manual of their code.
- Preparing Dashboard, MIS and Reports as per requirements.

ANNEXURE- A (3)

Name and Number of the Post: Developer – 02 Posts

Experience required: 3-5 years

Qualifications, Skill Set & Experience required:

- B.E./B. Tech. in Computer/IT/ M Sc. (IT/CS) or M.C.A or higher from a recognized university.
- Proficient in Java/JavaEE1.8 with Spring & Hibernate with Angular JS, including custom module development, key contributed modules and core API.
- Proficient in the Creation, Administration and Maintenance of Java based modules and sites.
- Experience with integrating open source and third-party applications into existing systems.
- Experience with PostgreSQL Databases, RESTful API Services, AJAX, Servlets, HTML, JavaScript/jQuery, CSS, MVC framework
- Experience with Mobile and responsive development skills preferred.
- Experience with addressing scalability and replication preferred.
- Familiarity with Continuous Integration (CI) and Continuous Delivery (CD)
- Familiarity with source control systems such as Subversion (SVN), GIT, RTC, etc.
- Familiarity with Software Development Lifecycle (e.g., Requirements, Design, Development, Testing) and exposure to Agile or iterative SDLCs.
- Results-oriented, reliable, able to work under pressure.
- Ability to communicate technical ideas to business users and other teams (Design, QA)
- Ability to both collaborate with team members and to work independently.
- Eager to embrace current and emerging technologies (Big Data, Hadoop, NoSQL, etc.).
- Exposure to Govt Projects is preferred.

Scope of work:

- The Developer will be responsible for Development, deployment and integration of the project.
- Assistance in bug fixing as per cyber security norms and other security agencies which provides advisories.
- Preparation of Technical manual
- Preparation of user manual.
- Preparing Dashboard, MIS and Reports as per requirements.

Name and Number of the Post: Database Admin – 01 Post

Experience required: 5+ years

Qualifications, Skill Set & Experience required:

- B.E./B. Tech. in Computer/IT/ M Sc. (IT/CS) or M.C.A or higher from a recognized university.
- Proficient in Java/JavaEE1.8 with Spring & Hibernate with Angular JS, including custom module development, key contributed modules and core API.
- Good knowledge of writing SQL queries.
- Experience with addressing scalability and replication.
- Familiarity with source control systems such as Subversion (SVN), GIT, RTC, etc.
- Familiarity with Software Development Lifecycle (e.g., Requirements, Design, Development, Testing) and exposure to Agile or iterative SDLCs.
- Results-oriented, reliable, able to work under pressure.
- Ability to communicate technical ideas to business users and other teams (Design, QA)
- Ability to both collaborate with team members and to work independently.
- Eager to embrace current and emerging technologies (Big Data, Hadoop, NoSQL, etc.).
- Exposure to Govt Projects is preferred.

Scope of work:

- The Database Administrator will be responsible for installing and upgrading the database server and application tool.
- Good knowledge of writing SQL queries.
- Writing database documentation, controlling access permissions.
- Allocating system storage and planning storage requirements for the database system.
- Taking regular backup and recovery plans.
- Modifying the database structure, as necessary, from information given by application developers.
- Enrolling users and maintaining system security, ensuring compliance with database vendor license agreement; preparing reports as and when required.
- Capacity Planning.
- Testing of application.

Name and Number of the Post: Server Admin (Linux)– 01 Post

Experience required: 5+ years

Qualifications, Skill Set & Experience required:

- B.E./B. Tech. in Computer/IT/ M Sc. (IT/CS) or M.C.A or higher from a recognized university.
- Linux Certification.
- Proficient in Linux Operating System Management, Linux, Apache, tomcat.
- Manage and monitor installed cloud servers.
- Monitor and Test application performance for potential bottlenecks, identify possible solutions, and work with developers to implement those.
- Experience with integrating open source and third-party applications into existing systems.
- Experience with addressing scalability and replication.
- Familiarity with Continuous Integration (CI) and Continuous Delivery (CD)
- Familiarity with source control systems such as Subversion (SVN), GIT, RTC, etc.
- Results-oriented, reliable, able to work under pressure.
- Ability to communicate technical ideas to business users and other teams (Design, QA)
- Ability to both collaborate with team members and to work independently.
- Exposure to Govt Projects is preferred.

Scope of work:

- The Server Admin (Linux) will be responsible for installing and upgrading the cloud server and application tool.
- Optimizing servers.
- Management of server environment, assist in overseeing integrity and safety of data server.
- Monitor and Test application performance for potential bottlenecks, identify possible solutions, and work with developers to implement those.
- Write and maintain custom scripts to increase system efficiency and lower the human intervention.
- Allocating system storage and planning storage requirements for the application system.
- Taking regular backup.
- Patching and updating servers as per advisory of the cloud service team.
- Deployment of Application, Managing server logs.
- Testing of application.
- Preparation of Technical handbook.