Centre for Smart Governance (CSG)
Hiring of Technical Resources

No.: CSG/002/HRD/2019

Date: 03.01.2020

Centre for Smart Governance (CSG), Government of Karnataka invites applications from eligible candidates in the areas of IT / ICT for the positions listed below:

S. No.	Position / Resource types	No. of Resources
1.	Business Analyst	1
2.	Senior Software Engineer	6
3.	Software Engineer	12
4.	Test Engineer	2
	Total	21

Qualification, Experience and Job Description for each position is detailed below:

Position no. 1: Business Analyst
Minimum Qualification: Graduate in Engineering with MBA or Master in Computer Science or Master in Computer Application.
Experience & Skills required:

- Minimum 7 years of relevant experience. Should have worked on Government projects in the areas of Process study and Process Re-engineering. Should have good experience in performing activities such as; Requirement Gathering, Current State Assessment, Gap Analysis, To-Be Process definition, BPR and FRS preparation.
- Should have good working knowledge on SDLC.
- Should have good experience in preparing SRS document, presenting it to the key stakeholders and getting approval.
- Should possess good communication skills.
- Should be proficient with Kannada Language Read, Speak and Write.
- Should have good documentation and presentation skills.
- Should possess good skills in using Flowchart tools, MS Word, MS Excel, PowerPoint, MS Visio etc.
- Preferred certification in Business Analysis.

S. No.	Job Description
1.	Conduct Requirement Gathering, Gap Analysis, Process Study and Process Re-engineering activities for projects of Government departments / Corporations / Boards as directed by CSG.
2.	Perform Current State Assessment of processes, prepare As-Is process maps resulting in the preparation of "As-Is Report", with detailed description of the processes studied by interacting with the departments. Should prepare Gap Analysis report whenever required.
3.	Responsible for interacting with the respective departments and getting the process documents approved.
4.	Perform Process re-engineering activities which involves; • Process analysis to identify NVAs and VAs,

S. No.	Job Description
	• Cause-Effect analysis to identify problems within a process, • Prepare To-Be process maps resulting in the preparation of "To-Be Report / BPR report / FRS document", with detailed description of the processes analyzed, for improved and efficient delivery of G2C, G2B and G2G services using ICT. • Prepare SRS document, present it to key stakeholders and get approval.
5.	Support the software development teams with relevant process details, whenever required. Should support during testing and training phases of the project.
6.	Any other work assigned by Director CSG.

Position no. 2: Senior Software Engineer (C# or Java)
Minimum Qualification: BE/B.Tech/MCA/M.Sc. Computer Science
Experience: Minimum 5 years of relevant experience

- Should possess good hands-on experience in application development, maintenance and support using .Net./C# with visual studio.
- Good knowledge on jquery, java script, bootstrap and MS SQL server
- Java developer should have worked with at least 1 maven/gradle project
- Experience with SSRS reports
- Should have good knowledge of MVC architecture or similar architecture used for software development.
- Work with the team and contribute to software design and other documents.
- Should have experience in writing SQL queries, database scripts / stored procedures, etc.
- Should have experience in team handling.
- Should have worked with cross-functional teams for business analysis activities to gather and document reporting and dashboard requirements and use those requirements to design, develop, test and implement reports and dashboards created from potentially multiple data sources.
- .Net Certified Programmer preferred.

S. No.	Job Description
1.	Work closely with Business Analyst and Project Manager to understand the software application requirements.
2.	Design and develop the software application on MVC or similar architecture. Follow coding standards. Perform unit testing.
3.	Support the Project Manager in sizing the hardware and network requirements.
4.	Setup the development environment and manage it.
5.	Carryout activities related to managing the version and release of the software application.
6.	Perform code review activities.
7.	Work closely with Database Designer to design the database for the software application. Wherever necessary should write the database scripts / stored procedures.
8.	Guide the team members.
9.	Should build and deploy the software application on the identified servers along with

S. No.	Job Description
	related components.
10.	Work closely with the Testing team and ensure the software application is bug free.
11.	Prepare necessary documentations
12.	Any other work assigned by Director CSG.

Position no. 3: Software Engineer
Minimum Qualification: BE/B.Tech/MCA/ M.Sc. Computer Science
Experience: Minimum 3 years of relevant experience

- Should possess good hands-on experience in application development, maintenance and support using .Net/C#
- Good knowledge on jquery, java script, bootstrap and MS SQL server
- Should have good knowledge of MVC architecture or similar architecture used for development.
- Responsible for design, development, implementation and support of enterprise reports through SQL Queries.
- Should have experience in writing SQL queries involving multiple tables / views
- Responsible for providing training and assistance to users for using the application and generation of ad-hoc queries.

S. No.	Job Description
1.	Work closely with Business Analyst and Senior Software Engineer to understand the software application requirements.
2.	Develop the software application on MVC or similar architecture. Follow coding standards. Perform unit testing.
3.	Support in managing the version and release of the software application.
4.	Should support in build and deploy the software application on the identified servers along with related components.
5.	Work closely with the Testing team and ensure the software application is bug free.
6.	Prepare necessary documentations.
7.	Any other work assigned by Director CSG.

Position no. 4: Test Engineer
Minimum Qualification: BE/B.Tech
Experience: Should have minimum 3 years of relevant experience

- Should have good exposure to software process improvement activities.
- Should have hands-on experience in using testing tools as well as manual testing processes.
- Work closely with software engineers to understand the requirements and modules developed so as to perform meaningful testing.
- Good understanding of the functionalities and features of the applications and services.
- Must have supported development, maintenance and support projects.
- Should have good understanding of SDLC.
- Preferably proficient with Kannada Language - Speak, Read and Write

S. No.	Job Description
1.	Work closely with Business Analyst, Project Manager and Senior Software Engineer to understand the software application requirements.
2.	Take complete responsibility of application testing and ensure bug free application.
3.	Prepare test cases.
4.	Guide the team members in the testing process.
5.	Review the bug report prepared by the team.
6.	Work closely with the Testing team and ensure the software application is bug free.
7.	Support the team during UAT.
8.	Prepare necessary documentations.
9.	Any other work assigned by Director CSG.

Note:

1. **All positions listed above are on contract basis for a duration of 3 years extendable based on satisfactory performance.   Decision of CSG shall be final in this regard.**
2. Interested candidates shall apply within the date mentioned in the advertisement. Candidates should submit their detailed Curriculum Vitae (CV) in PDF or Word document format only, through e-Mail to careerscsg@karnataka.gov.in.
3. The CV should provide complete details of the candidate such as; name, date of birth, gender, address for communication, mobile number, e-Mail address, qualification, detailed work experience highlighting the roles & responsibilities, current salary, expected salary, notice period etc. CVs with incomplete information shall be rejected.
4. CSG shall evaluate the CVs received and shall call eligible candidates for a face-to-face interview. For some positions, CSG may conduct a written test and then short list the candidates for interview. The selection of candidates shall be based on their performance in the interview. Decision of CSG shall be final in this regard.
5. Candidates should bring a photo id card, copy of their CV and photocopy of supporting documents of the qualification and experience while coming for the interview.
6. Results of the selection process shall be intimated to the selected candidates through email. The selected candidates have to give their acceptance through mail within the stipulated date for considering them to the position.
7. All positions are at Bengaluru.
8. Salary shall be negotiable.

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