

ADVERTISEMENT FOR RECRUITMENT ON AD-HOC POSITION

Applications are invited for the following positions under various SRC projects on a purely ad-hoc basis for 11 months. Extension will be given based on the project requirement and performance during the tenure period.

Project code: GA/CSE/F030/2023-24/G599

Name of the project: Identifying Anomalous Dealers Using Big Data Analytics

Project code: ETTSA/CSE/F030/2023-24/G620

Name of the project: Big data analytics & IT support systems for innovative activities

Project code: NCT-DELHI/CSE/F030/2024-25/S322

Name of the project: Identifying Anomalous Dealers Using Big Data Analytics

Project code: NPCI/CSE/F030/2024-25/S324

Name of the project: Synthetic Data Model Generation & Graph Analytic Model

Project Investigator: Dr. Sobhan Babu, Associate Professor, Department of Computer Science & Engineering.

1. The committee reserves the right to leave any of the positions vacant if no suitable applicant is found.
2. The decision of the selection committee will be final.
3. The candidate's appointment will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required.
4. The selected candidate must join immediately or a maximum of 15 days upon receipt of the offer.

Selection process:

1. Shortlisting of applications as per the eligibility criteria and experience.
2. Online Coding Test/ Interview
3. Technical Interview
4. Online/offline personal Interview/HR Interview.

Note: For all the positions candidates should be willing to work from client locations which can be anywhere in India.

Positions offering:

Post No 1. Senior Database Engineer:

Any Graduate/Postgraduate.

Require Experience of 6 to 8 years

Consolidated Salary Range: 16 to 22 lakhs Per annum.

Required Skills:

- Strong expertise in PostgreSQL and/or SQL Server.
- Hands-on experience with SQL.
- Hands-on experience with PLpg/SQL and/or T-SQL.
- Good knowledge of performance-tuning queries & stored procedures.
- Good knowledge of the GST Domain will be an added advantage.

Post No 2: Junior Database Engineer:

Any Graduate/Postgraduate.

Require Experience of 0 to 3 years

Consolidated Salary Range: 6 to 12 lakhs Per annum.

Required Skills:

- Strong expertise in PostgreSQL and/or SQL Server.
- Hands-on experience with SQL.
- Hands-on experience with PLpg/SQL and/or T-SQL.
- Good knowledge of performance-tuning queries & stored procedures.
- Good knowledge of the GST Domain will be an added advantage.

Post No 3: Senior Java Programmer

Any Graduate/Postgraduate.

Require Experience of 6+ years

Consolidated Salary Range: 16 to 22 lakhs Per annum.

Required Skills:

- Expertise in Java, JavaScript, jQuery, HTML, CSS, Spring MVC, Hibernate
- Good knowledge of writing SQL queries.
- knowledge of the GST Domain will be an added advantage.

Post No 4: Junior Java Programmer

Any Graduate/Postgraduate.

Require Experience of 0 to 3 years

Consolidated Salary Range: 6 to 12 lakhs Per annum

Required Skills:

- Expertise in Java, JavaScript, jQuery, HTML, CSS, Spring MVC, Hibernate
- Good knowledge of writing SQL queries.
- knowledge of the GST Domain will be an added advantage.

Post No 5: Jasper Report Designer

Any Graduate/Postgraduate.

Require Experience of 2 to 3 years

Consolidated Salary Range: 5 to 7 lakhs

Required Skills:

- Design, develop, and maintain dynamic and interactive reports using Jasper Reports/iReport/Jaspersoft Studio.
- Implement advanced features such as sub-reports, charts, crosstabs, and conditional formatting to enhance report visualizations.
- Collaborate with developers, testers, and business analysts to ensure seamless integration and functionality of reports within applications.
- Basic knowledge of SQL and JAVA.

Post No 6: Senior Jasper Report Designer

Any Graduate/Postgraduate.

Require Experience of 3 to 6 years

Consolidated Salary Range: 7 to 12 lakhs

Required Skills:

- Design, develop, and maintain dynamic and interactive reports using Jasper Reports/iReport/Jaspersoft Studio.
- Implement advanced features such as sub-reports, charts, crosstabs, and conditional formatting to enhance report visualizations.
- Collaborate with developers, testers, and business analysts to ensure seamless integration and functionality of reports within applications.
- Basic knowledge of SQL and JAVA.

Post No 7: Data pulling Engineer.

Any Graduate/Postgraduate.

Require Experience of 3 to 6 years

Consolidated Salary Range: 8 to 14 lakhs Per annum.

Required Skills:

- Should have knowledge in Dotnet Core/Java, Model class, Entity Framework and should have a subject in calling API using HttpWebRequest.
- Should have a grip on creating model classes as JSON objects.
- Should be good at writing SQL commands with CRUD operation.

Post No 8: Technical support:

Any Graduate/Postgraduate.

Require Experience of 2 to 3 years

Consolidated Salary Range: 5 to 7 lakhs

Required Skills:

- Any Graduate/postgraduate with a computer degree.
- Should have good knowledge of the GST Domain
- Responsible for support of the project
- Responsible for monitoring and fixing the issues.
- Will be a point of contact for clients for day-to-day interaction.

Post No 9: Delivery Manager/ Team Lead

Any Graduate/Postgraduate.

Require Experience of 7 to 10 years

Consolidated Salary Range: 16-22 lakhs Per annum.

Required Skills:

- Should be a Postgraduate in computer science or management systems.
- Experience in the software development industry is a must.
- Experience in GST Domain is a must.
- Experience in managing a team of 30+ people.
- Managing the team in the project as a people manager, support, and interactions with managers from another location.
- Support the hiring of new team members and assist with the onboarding process.
- Managing one large or several small projects.
- Working closely with the team and with the stakeholders to manage the day-to-day work of the development team.
- Mentoring, motivating and supervising project team members.
- Should have excellent communication skills and interpersonal skills.
- Well, understanding of the software methodologies of Agile/Waterfall models.

Post 10: GST Domain support

Require Experience of 3 to 6 years

Consolidated Salary Range: 12 to 22 lakhs Per annum.

Eligibility Criteria & Required Skills

- Should be a Chartered Accountant Or minimum CA-Inter.
- Should have the experience of 3+ years of GST Domain.
- Should have in-depth knowledge of the GST Domain and its laws.
- Should have excellent communication and Interpersonal skills.

Post No 11: Senior System Engineer:

Any Graduate/Postgraduate.

Require Experience of 3 to 6 years

Consolidated Salary Range: 8 – 12 lakhs Per annum.

Required Skills:

- The ideal candidate will have a minimum of 4 years of hands-on experience in network and system administration, with a strong understanding of networking protocols, systems architecture, and security principles. As a Network and System Engineer, you will be responsible for maintaining, troubleshooting, and optimizing our network infrastructure and systems to ensure high availability, reliability, and security.
- Relevant certifications such as CCNA, CCNP, CompTIA Network+, CompTIA Security+, or equivalent are a plus.

Post No 12: System Engineer

Any Graduate/Postgraduate.

Require Experience of 2 to 3 years

Consolidated Salary Range: 6 to 8 lakhs Per annum.

Required Skills:

- The ideal candidate will have a minimum of 2 years of hands-on experience in network and system administration, with a strong understanding of networking protocols, systems architecture, and security principles. As a Network and System Engineer, you will be responsible for maintaining, troubleshooting, and optimizing our network infrastructure and systems to ensure high availability, reliability, and security.
- Relevant certifications such as CCNA, CCNP, CompTIA Network+, CompTIA Security+, or equivalent are a plus.

Post No 13: Senior Testing Engineer

Any Graduate/Postgraduate.

Require Experience of 5 to 6 years

Consolidated Salary Range: 10 to 12 lakhs Per annum.

Required Skills:

- About 5 to 6 years of manual & automation experience in various products
- Should be proficient in Test case design, Test development, Execution, Defect Tracking, and root cause analysis.
- Strong experience in different Testing approaches - Functional, Integration, Regression and Performance.
- Experience with Scrum/Agile methodology.
- Should have strong experience in UI testing -Web/mobile Testing, both designing test scenarios and implementing automation scripts and their execution.

Post No 14: Junior Testing Engineer

Any Graduate/Postgraduate.

Require Experience of 2 to 4 years

Consolidated Salary Range: 5 to 8 lakhs Per annum.

Required Skills:

- About 2 to 4 years of manual & automation experience in various products
- Should be proficient in Test case design, Test development, Execution, Defect Tracking, and root cause analysis.
- Strong experience in different Testing approaches - Functional, Integration, Regression and Performance.
- Experience with Scrum/Agile methodology.
- Should have strong experience in UI testing -Web/mobile Testing, both designing test scenarios and implementing automation scripts and their execution.

Post No 15: Research Scientist

Consolidated Salary: Up to 35 lakhs per annum.

Eligibility Criteria & Required Skills

- 1) Ph. D in Computer Science/Artificial Intelligence/Electrical Engineering from IITs or IISc.
- 2) Expertise in deep learning applied AI or machine learning.
- 3) Proven track record of publications in reputable academic journals or conferences.
- 4) Strong Python programming skills.
- 5) Experience in machine learning tools like PyTorch, and TensorFlow.

Responsibilities:

- Highly skilled AI Scientist with a deep understanding of synthetic data generation techniques.
- Provide technical leadership and mentorship to junior team members, fostering a culture of innovation, collaboration, and continuous learning.
- Write and present proposals to clients in both the Public and Private sectors.
- Research and develop novel techniques for generating high-quality synthetic data to augment existing datasets.
- Design and implement synthetic data pipelines to support various AI and ML applications, including computer vision, natural language processing, and predictive analytics.
- Evaluate the effectiveness of synthetic data in improving model performance, generalization, and robustness through rigorous experimentation and analysis.
- Stay abreast of the latest advancements in synthetic data generation, data augmentation, and data privacy techniques, and incorporate relevant methodologies into our research and development processes.
- Provide technical leadership and mentorship to junior team members, fostering a culture of innovation, collaboration, and continuous learning.

Post No 16: Senior Data Scientist:

Require Experience of 3 to 4 years

Consolidated Salary Range: Up to 35 lakhs per annum.

Eligibility Criteria & Required Skills

- Master's degree in computer science from IITs or IISC.
- Minimum 3 to 4 years of industry experience as a Data Scientist.
- Deep experience building, evaluating, and testing machine learning models.
- Common ML frameworks (like PyTorch, TensorFlow, Keras).
- Deep expertise in Graph representation learning and Graph neural networks.
- Should have good knowledge of Graph Database (Neo4J/ Arango DB).
- Work with huge volumes of data to solve real-world ML problems that are productized into our platform to be consumed by downstream applications OR become product features OR stand-alone products.

For the above, posts send your updated resume to: recruitment.project@cse.iith.ac.in by mentioning in the subject line the post number and post Name on or before the **23rd of May 2024.**

Points to check before applying:

1. Application/Resume received after the 23rd of May 2024 at 23:59 will not be considered.
2. The candidate should apply to only one post. Multiple applications by the same candidate will be automatically rejected.
3. The candidate should check the Eligibility before applying. No queries will not be entertained.
4. Shortlisted candidates will be intimated for further rounds via e-mail, and the Interview process will be conducted only after submission of eligibility documents and experience documents.
5. No queries will be answered in reply to the email.