Advt. No. DIC/NHAI Datalake3.0/28/2024/06
Digital India Corporation
Electronics Niketan Annexe, 6, CGO Complex Lodhi Road,
New Delhi – 110003
Tel.: +91 (11) 24360199, 24301756
Website: www.dic.gov.in

Digital India Corporation has been set up by the 'Ministry of Electronics & Information Technology, Government of India', to innovate, develop and deploy ICT and other emerging technologies for the benefit of the common man. It is a 'not for profit' Company under Section 8 of the Companies Act 2013. The Company has been spearheading the Digital India programme of the Government of India, and is involved in promoting use of technology for e-Governance/e-Health / Telemedicine, e-agriculture, e-Payments etc. The Digital India programme promotes safety and security concerns of growing cashless economy and addresses challenges confronting its wider acceptance. It also promotes innovation and evolves models for empowerment of citizens through Digital initiatives and promotes participatory governance and citizen engagement across the government through various platforms including social media.

Digital India Corporation is currently inviting applications for the following positions purely on Contract/ Consolidated basis for NHAI Datalake3.0 project:-

Sr. No.	Name of the Post	No. of Positions
1.	Database Admin	1

** The place of posting shall be in New Delhi but transferable to project locations of Digital India Corporation as per existing policy of Digital India Corporation.

Screening of applications will be based on qualifications, age, academic record and relevant experience. Digital India Corporation reserves the right to fix higher threshold of qualifications and experience for screening and limiting the number of candidates for interview. Only shortlisted candidates shall be invited for selection interviews. Digital India Corporation reserves the right to not to select any of the candidates without assigning any reason thereof.

The details can be downloaded from the official website of DIC viz. **www.dic.gov.in**

Eligible candidates may apply ONLINE: **https://ora.digitalindiacorporation.in/**

1. Job Description: Database Admin

A. Job Summary:

As a Database Admin (DBA), you will play a critical role in designing, implementing, and maintaining database solutions using Redis and PostgreSQL technologies. Your responsibilities will encompass a wide range of tasks, from database design and optimization to ensuring data security and integrity. You will collaborate closely with the web development team to develop backend solutions that seamlessly integrate with frontend web executions. Quality control checks on source code generated by other developers will be part of your routine, ensuring adherence to database policies, procedures, and standards.

B. Roles & Responsibilities:

- Design and Implementation: Design and create database objects such as tables, views, sequences, synonyms, and indexes using Redis and PostgreSQL tools like SQL Plus, SQL Developer. Ensure data integrity by implementing integrity constraints and database triggers.

- Advanced PL/SQL Programming: Utilize advanced features of Redis or PostgreSQL for PL/SQL programming, including working with records, collections, ref cursors, nested tables, and dynamic SQL. This involves writing efficient and optimized code to meet business requirements.

- Performance Tuning: Perform performance tuning for PostgreSQL RDBMS using techniques such as explain plan and hints. Identify and resolve performance bottlenecks to ensure optimal database performance and responsiveness.

- Collaboration: Collaborate with the web development team to develop backend solutions that align with frontend web executions. Ensure seamless integration between the frontend and backend systems, optimizing data flow and processing.

- Quality Control: Conduct Quality Control checks on source code generated by other developers, ensuring compliance with database policies, procedures, and standards. Review and provide feedback on database-related code changes to maintain code quality and consistency.

- Database Management: Utilize AWS RDS and PostgreSQL for database management, including provisioning, configuration, monitoring, and maintenance. Determine, enforce, and document database policies, procedures, and standards to ensure consistency and security.

- Data Security and Integrity: Perform tests and evaluations regularly to ensure data security, privacy, and integrity. Implement encryption, access controls, and auditing mechanisms to safeguard sensitive data and comply with regulatory requirements.

- Monitoring and Maintenance: Monitor database performance, implement changes, and apply new patches and versions when required. Proactively identify and address potential issues to maintain high availability and reliability of database systems.

C. Educational Qualifications:

Basic:

i) Bachelor's degree in Computer Science / IT or related fields from a recognized university/institute.

Preferred:

ii) Master's degree in IT management or related fields from a recognized university/institute.

D. Required Experience:

• Minimum 5+ years of experience as a Database Administrator, or related role.

E. Desirable Skills & Experience:

- Strong proficiency in SQL and PL/SQL programming, with experience in advanced features and optimization techniques.
- Hands-on experience with database design, implementation, performance tuning, and maintenance.
- Familiarity with AWS RDS and cloud-based database management.
- Excellent problem-solving skills and attention to detail.
- Strong communication and collaboration abilities, with the ability to work effectively in a team environment.
- Knowledge of database security best practices and regulatory compliance requirements.
- Proficient understanding of code versioning tools – Git.
- Experience of working for a government set up/ project is desirable.
- Professional certifications would be a plus.

General Conditions applicable to all applicants covered under this advertisement:

1. Those candidates, who are already in regular or contractual employment under Central / State Government, Public Sector Undertakings or Autonomous Bodies, are expected to apply through proper channel or attach a 'No Objection Certificate' from the employer concerned with the application OR produce No Objection Certificate at the time of interview.

2. Digital India Corporation reserves the right to fill all or some or none of the positions advertised without assigning any reason as it deems fit.

3. The positions are purely temporary in nature for the project of Digital India Corporation and the appointees shall not derive any right or claim for permanent appointment at Digital India Corporation or on any vacancies existing or that shall be advertised for recruitment by Digital India Corporation in future.

4. Digital India Corporation reserves the right to terminate the appointments of all positions with a notice of one month or without any notice by paying one month's salary in lieu of the notice period.

5. The maximum age shall be as on the last date of receipt of the applications. Screening of applications will be based on qualifications, age academic record and relevant experience.

6. In case of a query, the following officer may be contacted

Ms. Vinaya Viswanathan
Head- HR
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