

N-21013/9/2024-NeGD
National e-Governance Division
Digital India Corporation
Electronics Niketan, 6, CGO Complex Lodhi Road,
New Delhi – 110003
Website: www.negd.gov.in / www.dic.gov.in

Web Advertisement
02.04.2025

The National e-Governance Division (NeGD) is an independent business division under the Digital India Corporation, Ministry of Electronics and Information Technology. NeGD has been playing a pivotal role in supporting MeitY in Programme Management and implementation of e-Governance projects and initiatives undertaken by various Ministries/ Departments, both at the Central and State levels.

NeGD has been spearheading several innovative initiatives under the aegis of the Digital India Programme. Those have been developed keeping the vision areas of Digital India at the core- providing digital infrastructure as a core utility to every citizen, governance and services on demand and in particular, digital empowerment of the citizens of our country; some of these initiatives include DigiLocker, UMANG, Poshan Tracker, OpenForge Platform, API Setu, National Academic Depository, Academic Bank of Credits, Learning Management System.

It has myriad roles and responsibilities from supporting Central Line Ministries and State Government Departments on e-Governance projects, reviewing State Action Plans, offering support in technology management, strategy formulation & implementation of Emerging Technologies viz. AI, Blockchain, GIS etc., to facilitating digital diplomacy with focus on Indian startups and products

NeGD has been a leader in implementation and execution of a gamut of pilot/ infrastructure/ technical/ special projects and support components to framing core policies, project appraisals, R&D, and guiding /conducting assessments, undertaking activities for building capacities of both Government officials and] other stakeholders, and creating mass awareness about schemes and services under the Digital India Programme.

NeGD is currently inviting applications for the following positions purely on Contract basis initially for a period of 1 year which is further extendable as per the requirement of the project.

S. No	Position	Vacancy	Experience	Salary Budget
1	Power BI Developer	1	7-9 yrs	15 LPA
2	Full Stack Developer	1	3-5 yrs	14 LPA
3	Database Administrator (DBA)	1	7-9 yrs	18 LPA

* The maximum age limit shall be 55 years on the closing date of receipt of application.

** The place of posting shall be in New Delhi but transferable to project locations of NeGD as per existing policy of NeGD/DIC.

Screening of applications will be based on qualifications, age, and relevant experience. NeGD 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 interviews. NeGD 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 and NeGD, viz. www.dic.gov.in, www.negd.gov.in.

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

Last date for submission of applications will be: 15.04.2025

1. Power BI Developer

Role Overview:

We are seeking a highly experienced **Power BI Developer** with at least 7 years of hands-on experience in developing, managing, and optimizing interactive dashboards for a data analytics team. The Power BI Developer will be responsible for creating insightful and visually appealing dashboards that provide real-time analytics and performance metrics to support key decision-making. The role requires strong skills in data modelling, DAX (Data Analysis Expressions), report development, and the ability to work with large datasets.

The ideal candidate will have a proven track record of implementing Power BI solutions in a business or public sector environment, delivering impactful visualizations, and ensuring data accuracy and performance.

Key Responsibilities:

- **Dashboard Development and Maintenance**
 - a. Design, develop, and maintain highly interactive and visually engaging dashboards using Power BI that meet the needs of various stakeholders within the organization.
 - b. Create real-time, dynamic dashboards that provide insights into project performance, key metrics, and other relevant data points.
 - c. Collaborate with business analysts and stakeholders to gather and translate business requirements into technical Power BI solutions.
- **Data Modelling and DAX (Data Analysis Expressions)**
 - a. Develop efficient data models that ensure optimal performance of Power BI reports, including relationships, hierarchies, and calculated fields.
 - b. Write and optimize complex DAX formulas for calculated measures, columns, and table expressions to enable advanced analytics within reports.
 - c. Ensure data accuracy and consistency across reports by validating data transformations and implementing quality assurance processes.
- **Data Integration and ETL Processes**
 - a. Integrate data from multiple sources into Power BI, including databases (SQL Server, Oracle, etc.), Excel files, cloud services (Azure, AWS), and APIs.
 - b. Work closely with data engineers and database administrators to ensure smooth data integration, data availability, and scalability.
 - c. Build and manage ETL (Extract, Transform, Load) pipelines to ingest, cleanse, and transform raw data into Power BI data models.
- **Report Customization and User Experience**
 - a. Customize reports and dashboards based on user roles and access levels, ensuring that relevant insights are provided to different departments and stakeholders.
 - b. Implement drill-down capabilities, custom filters, and visualizations to allow for in-depth analysis and exploration of the data.
 - c. Continuously improve the user experience by refining dashboard layouts, visuals, and navigation to ensure clarity and ease of use.
- **Power BI Security and Access Control**
 - a. Implement role-based security in Power BI, managing access to reports and datasets based on user roles and permissions.
 - b. Ensure data confidentiality by setting up row-level security (RLS) and other security measures within Power BI reports.
 - c. Conduct regular audits of user access and security settings to ensure compliance with data privacy regulations, including the DPDP Act and GDPR.
- **Power BI Service Management and Automation**
 - a. Deploy and manage Power BI reports and datasets within the Power BI Service, ensuring seamless integration with the organization's cloud environment (Azure, AWS).
 - b. Automate data refresh schedules, report distribution, and alert notifications to keep stakeholders informed of key insights in real-time.
 - c. Monitor the usage and performance of Power BI reports through the Power BI Service, identifying areas for improvement.

Required Skills & Qualifications:

Education: Bachelor's degree in computer science, Information Technology, Data Science, Business Analytics, or a related field. A master's degree is preferred.

- Experience in developing and managing Power BI dashboards, with a focus on data analytics and reporting.

2. Full Stack Developer

Role Overview:

We are looking for an experienced **Full Stack Developer** to join our data analytics team responsible for developing and managing dynamic dashboards. The role involves working across the entire stack (front-end and back-end) to ensure seamless integration of data, robust performance, and responsive user interfaces. You will be responsible for designing, developing, and maintaining dashboards that provide real-time insights for key government projects.

The ideal candidate should have expertise in both front-end and back-end technologies, as well as experience in API development, database management, and cloud infrastructure. This position requires strong problem-solving skills, a keen eye for detail, and the ability to work collaboratively in a fast-paced environment.

Key Responsibilities:

- **Dashboard Development & Maintenance**
 - a. Design and develop dynamic, interactive dashboards that provide real-time insights using front-end frameworks like React.js, Angular, or Vue.js.
 - b. Ensure dashboards are responsive, user-friendly, and visually appealing.
 - c. Collaborate with the design and data analytics teams to ensure the delivery of highly functional and insightful dashboards.
- **Back-End API Development**
 - a. Build, maintain, and integrate RESTful APIs to fetch data from various sources (databases, external APIs, web services) and ensure efficient data flow between the server and dashboard.
 - b. Implement security measures such as token-based authentication and role-based access control (RBAC) to protect data endpoints.
 - c. Optimize APIs for performance, scalability, and security.
- **Database and Data Management**
 - a. Work with data engineers and database administrators to integrate data into the dashboards, ensuring smooth ETL (Extract, Transform, Load) processes.
- **Front-End Design & User Experience**
 - a. Implement front-end components that allow users to interact with data, including filters, drill-downs, graphs, and visual elements using JavaScript frameworks and libraries (React.js, D3.js, etc.).
 - b. Ensure cross-browser compatibility and performance optimization of web applications.
 - c. Work closely with UI/UX designers to deliver highly responsive and customizable dashboard experiences.
- **Integration of Analytical Tools**
 - a. Collaborate with data analysts to integrate analytics and visualization tools (such as Power BI, Tableau) into the dashboards for complex data visualizations.
 - b. Assist in embedding analytical models and predictions from machine learning algorithms into the dashboards.
- **Security & Compliance**
 - a. Ensure all front-end and back-end systems comply with data security standards and government regulations, such as the Digital Personal Data Protection (DPDP) Act.
 - b. Implement measures to prevent unauthorized access, data leaks, and other security vulnerabilities.

Qualifications:

Education: Bachelor's degree in computer science, Information Technology, or a related field. A Master's degree is plus.

- Full-stack development experience, with a focus on data analytics, dashboard development, or related fields.

3. Database Administrator (DBA)

Role Overview:

We are seeking an experienced **Database Administrator (DBA)** with at least 7 years of experience to join our Data Analytics team, which focuses on developing real-time dashboards for critical government projects. The DBA will play a key role in managing and optimizing databases, ensuring efficient data storage, retrieval, and security, while supporting the integration of multiple data sources into a centralized analytics platform.

The ideal candidate will have extensive experience in database management, performance tuning, and ensuring high availability and security of data systems. They will work closely with data engineers, analysts, and developers to ensure smooth data flow and integration for dashboarding and reporting.

Key Responsibilities:

- **Database Management and Maintenance**
 - a. Design, deploy, and maintain scalable, high-performance relational and NoSQL databases (e.g., PostgreSQL, MySQL, MongoDB) to support the data analytics platform.
 - b. Perform regular database maintenance, including backups, indexing, defragmentation, and optimizing storage and retrieval processes.
 - c. Ensure the database environment is up to date with security patches, software upgrades, and regular performance audits.
- **Data Security and Backup**
 - a. Implement robust security protocols to safeguard sensitive data, including encryption at rest and in transit, multi-factor authentication (MFA), and access control mechanisms.
 - b. Set up and manage database backup strategies to ensure data is securely backed up, with regular restoration tests for disaster recovery.
- **Performance Optimization and Tuning**
 - a. Optimize the performance of database systems through query tuning, database indexing, partitioning, and storage optimization to ensure fast and reliable access to data.
 - b. Identify and resolve database performance bottlenecks, troubleshoot slow queries, and improve data retrieval times for the dashboards.
 - c. Monitor database performance metrics, such as response time, query efficiency, and system resource usage, using appropriate database monitoring tools.
- **Data Access Control and Permissions**
 - a. Implement role-based access control (RBAC) to manage and restrict data access based on user roles and responsibilities.
 - b. Maintain a strict policy for managing user permissions, ensuring that only authorized personnel can access sensitive data.
 - c. Regularly audit database access logs to detect and prevent any unauthorized access or suspicious activity.
- **Database Scalability and Capacity Planning**
 - a. Collaborate with data engineers and developers to design databases that can scale horizontally and vertically to accommodate increasing data volumes and user loads.
 - b. Plan and manage database capacity, ensuring storage and processing capabilities grow with project requirements.
 - c. Continuously evaluate database storage needs and implement strategies to ensure optimal use of resources, both in on-premise and cloud environments.
- **Data Integration and ETL Support**
 - a. Work closely with data engineers to ensure seamless data integration from multiple sources into the centralized data platform.
 - b. Support Extract, Transform, Load (ETL) processes, ensuring that data is correctly ingested, transformed, and stored in a manner suitable for analytics and reporting.

- c. Troubleshoot any issues related to data synchronization, data transformation, or inconsistent data across the system.
- **Monitoring and Troubleshooting**
 - a. Implement and manage database monitoring tools (e.g., SolarWinds, Oracle Enterprise Manager) to track database health, performance, and security in real-time.
 - b. Troubleshoot database issues, such as connectivity problems, data corruption, or system outages, ensuring minimal downtime for the dashboard team.
 - c. Proactively identify potential issues before they escalate, using automated alerts and early-warning systems.

Required Skills & Qualifications:

- **Education:** Bachelor's degree in computer science, Information Technology, Database Management, or a related field. A master's degree or relevant certifications (e.g., Oracle DBA, Microsoft SQL Server DBA) is preferred.
- **Experience:** At least 7 years of hands-on experience as a DBA, with a focus on managing databases in data analytics or dashboard environments

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. NeGD 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 NeGD/DIC and the appointees shall not derive any right or claim for permanent appointment at NeGD/DIC or on any vacancies existing or that shall be advertised for recruitment by NeGD in future.
4. NeGD 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 designation of the selected candidates shall be mapped as per the existing designation policy of NeGD.
6. In case of a query, the following officer may be contacted:

HR Team

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New Delhi – 110003
Tel: 24301932
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