

Terms of Reference
Consultant - Lead Front End Developer (Angular) (Short Term) (01)
NHSRC

National Health Systems Resource Centre (NHSRC) is a technical support institution under the National Health Mission (NHM), Ministry of Health & Family Welfare. NHSRC works closely with the MoHFW and the States for Health Systems strengthening and supporting implementation of other interventions under the NHM. Work at the NHSRC is organised around eight (8) divisions, namely– Community Processes & Comprehensive Primary Care, Healthcare Financing, Healthcare Technology, Human Resources for Health, Information Technology, Knowledge Management Division, Public Health Administration and Quality & Patient Safety.

The Position reports to the Principal Team Lead- Technical NHSRC. This Position requires a strong moral and ethical code of conduct with essence of integrity, confidentiality while undertaking the responsibility.

Roles & Responsibilities

1. Develop responsive web and PWA applications for public health program users.
2. Build reusable Angular components and front-end modules.
3. Create user-friendly interfaces for care delivery, program operations, and reporting workflows.
4. Integrate front-end applications with backend APIs.
5. Collaborate with product, design, backend, QA, and implementation teams.
6. 8–10 years of front-end development experience.
7. Strong hands-on experience with Angular.
8. Good knowledge of TypeScript, HTML5, CSS3, and JavaScript.
9. Experience building responsive web applications.
10. Experience with REST API integration.
11. Understanding of PWA concepts such as service workers, caching, and offline usage.
12. Experience with public health, healthcare, or government program platforms.
13. Experience with Angular Material or similar UI frameworks.
14. Knowledge of accessibility and usability best practices.
15. Exposure to dashboards, reporting interfaces, or data-heavy web applications.

Duration

The consultancy is a short-term position for 11 months

Qualification & Experience

For achieving the above-mentioned deliverables, the applicant is expected to possess the following qualifications & experience –

Essential Qualification – B.E./B.Tech./MCA/M.E./M.Tech. from a recognized university or institution.

Experience –10 years or more.

Desirable: Experience working on Government IT Projects at the National level.

Note –

- Only shortlisted candidates will be called for an interview.
- The candidates may be subjected to written tests

Age Limit: Up to 55 Years (as on the date of receiving the application) As per H..R Policy

Work Location: New Delhi with Willingness to travel on need basis

Remuneration Range: Between Rs. 1,25,000/- to Rs. 1,50,000/- per month (As per Policy)

****Fee offered within the band will be commensurate with qualification and experience***

Note: As this is a short-term assignment.

- Preference will be given to candidates residing within Delhi/NCR region.
- The selected candidate will be required to join within 7 days.

How to apply: Candidates are requested to fill out the online application correctly which is available on the NHSRC website (<http://nhsrcindia.org>). Applications will be accepted in the prescribed online application format only. The last date for receiving applications is **2nd September 2026**.

Terms of Reference

Consultant Database Developer (Short Term) (01) NHSRC

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The Position reports to the Principal Team Lead- Technical NHSRC. This Position requires a strong moral and ethical code of conduct with essence of integrity, confidentiality while undertaking the responsibility.

Roles & Responsibilities

1. Database Design & Development

- Design and implement scalable database schemas for transactional and analytical applications.
- Create collections, tables, indexes, views, stored procedures, triggers, and functions.
- Design efficient data models for both structured and semi-structured datasets.

2. Database Administration

- Install, configure, upgrade, and maintain MongoDB, MariaDB, and cloud-based database environments.
- Monitor database health, storage utilisation, and overall performance.
- Perform database patching and version upgrades.

3. Performance Optimization

- Analyse slow queries and optimise database performance.
- Design indexing strategies and optimise execution plans.
- Monitor database workloads and improve response times.
- Conduct database capacity planning and performance tuning.

4. Data Migration & Integration

- Integrate databases with APIs and enterprise applications.
- Support data warehousing and analytics initiatives using Amazon Athena.

5. Security & Compliance

- Implement database security controls, encryption, authentication, and authorization.
- Ensure compliance with Government security guidelines, DPDP Act, and applicable cybersecurity standards.
- Conduct periodic database audits and vulnerability remediation.

6. Analytics & Reporting

- Develop optimized datasets for dashboards and reporting.
- Write complex SQL queries and aggregation pipelines.

- Support analytical workloads using Amazon Athena and cloud data lakes.
- Assist BI teams in data extraction and reporting.

7. Documentation

- Prepare database architecture documents.
- Maintain database dictionaries and schema documentation.
- Develop SOPs for backup, restoration, migration, and maintenance.
- Prepare technical documentation for deployments and upgrades.

8. Collaboration

- Work closely with application developers, DevOps engineers, cloud architects, and business analysts.
- Support UAT, production deployment, and issue resolution.
- Participate in code reviews and database design reviews

Duration

The consultancy is a short-term position for 11 months

Qualification & Experience

For achieving the above-mentioned deliverables, the applicant is expected to possess the following qualifications & experience –

Essential Qualification – B.E./B.Tech./MCA/M.E./M.Tech. from a recognized university or institution.

Experience –

- Required Experience: 6+ years or more.

Desirable:

Experience working on Government IT Projects at the National level

- MongoDB Certified Developer
- AWS Certified Database
- MariaDB/MySQL Database Skills

Note –

- Only shortlisted candidates will be called for an interview.
- The candidates may be subjected to written tests

Age Limit: Up to 50 Years (as on the date of receiving the application) As per H..R Policy

Work Location: New Delhi with Willingness to travel on need basis

Remuneration Range: Between Rs. 1,00,000/- to Rs. 1,25,000/- per month (As per Policy)

****Fee offered within the band will be commensurate with qualification and experience***

Note: As this is a short-term assignment.

- Preference will be given to candidates residing within Delhi/NCR region.
- The selected candidate will be required to join within 7 days.

How to apply: Candidates are requested to fill out the online application correctly which is available on the NHSRC website (<http://nhsrcindia.org>). Applications will be

accepted in the prescribed online application format only. The last date for receiving applications is **2nd September 2026**.

Terms of Reference
Consultant - Senior DBA (Short Term) (01)
NHSRC

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The Position reports to the Principal Team Lead- Technical NHSRC. This Position requires a strong moral and ethical code of conduct with essence of integrity, confidentiality while undertaking the responsibility.

Roles & Responsibilities

1. Design, implement, and maintain enterprise healthcare database systems.
2. Install, configure, upgrade, and maintain diverse database ecosystems across Relational (MySQL, PostgreSQL, Oracle, SQL Server, MariaDB) and NoSQL (MongoDB) platforms.
3. Engineer and manage highly scalable, secure, and resilient cloud-native and hybrid database environments.
4. Ensure database performance optimization, tuning, indexing, partitioning, and capacity planning.
5. Configure and manage Master-Slave (Primary-Replica) replication topologies to ensure high availability, data redundancy, and read-workload offloading.
6. Monitor and troubleshoot replication lag, synchronization errors, and connectivity issues.
7. Execute failover procedures and disaster recovery drills, promoting replica nodes to primary status to minimize downtime.
8. Monitor database health, availability, and uptime for critical healthcare applications.
9. Handle database upgrades, migrations, patching, and lifecycle management.
10. Implement database security controls including encryption, role-based access, auditing, and vulnerability management.
11. Ensure confidentiality, integrity, and availability of patient healthcare data.
12. Develop and maintain backup, recovery, failover, and disaster recovery strategies.
13. Conduct DR drills and ensure business continuity for operations.
14. Assist in healthcare data warehousing and interoperability initiatives.
15. Write complex queries and aggregation pipelines.

Duration

The consultancy is a short-term position for 11 months

Qualification & Experience

For achieving the above-mentioned deliverables, the applicant is expected to possess the following qualifications & experience –

Essential Qualification – Master's degree in Computer Science, IT, Engineering, or related field.

Experience –

- Overall 10+ years of database administration and management experience including 5+ years in handling large-scale projects.

- Strong expertise in:
 - MySQL/ PostgreSQL
 - MS SQL Server
 - MongoDB or other NoSQL databases
- Experience with Linux/Unix and Windows environments.
- Cloud-Native Database Certifications.
- Working experience with cloud platforms on-premises or Amazon Web Services (AWS)/ Microsoft Azure/ Google Cloud.

Desirable:

- Strong troubleshooting and analytical skills.
- Knowledge of data governance and master data management.
- Understanding of DevOps and cloud-native database solutions is preferred

Note –

- Only shortlisted candidates will be called for an interview.
- The candidates may be subjected to written tests

Age Limit: Up to 55 Years (as on the date of receiving the application) As per HR Policy

Work Location: New Delhi with Willingness to travel on need basis

Remuneration Range: Between Rs. 1,50,000/- to Rs. 1,75,000/- per month (As per Policy)

****Fee offered within the band will be commensurate with qualification and experience***

Note: As this is a short-term assignment.

- Preference will be given to candidates residing within Delhi/NCR region.
- The selected candidate will be required to join within 7 days.

How to apply: Candidates are requested to fill out the online application correctly which is available on the NHSRC website (<http://nhsrcindia.org>). Applications will be accepted in the prescribed online application format only. The last date for receiving applications is **2nd September 2026**.

Terms of Reference
Consultant - Front End Developer (React) (Short Term) (01)
NHSRC

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Roles & Responsibilities

1. Build responsive interfaces and reusable components using React
2. Implement secure Single Sign-On (SSO) and integrate APIs for real-time data exchange
3. Manage state with Redux or Context API and optimize performance
4. Conduct testing with Jest and React Testing Library, and maintain technical documentation
5. Work with the IT team, participate in agile ceremonies, and provide regular progress updates
6. Ensure data integrity, security, and compliance with government IT standards
7. Debug and resolve software defects, security vulnerabilities, and performance bottlenecks
8. Manage code using Git/GitHub/GitLab and follow version control best practices

Duration

The consultancy is a short-term position for 11 months

Qualification & Experience

For achieving the above-mentioned deliverables, the applicant is expected to possess the following qualifications & experience –

Essential Qualification – B.E./ B. Tech./ MCA/ M.E./ M. Tech from a recognized university or institution

Experience – 8 years or more.

Desirable: Experience working in Govt IT Projects at National level

Note –

- Only shortlisted candidates will be called for an interview.
- The candidates may be subjected to written tests

Age Limit: Up to 50 Years (as on the date of receiving the application) As per HR Policy

Work Location: New Delhi with Willingness to travel on need basis

Remuneration Range: Between Rs. 1,00,000/- to Rs. 1,25,000/- per month (As per Policy)

****Fee offered within the band will be commensurate with qualification and experience***

Note: As this is a short-term assignment.

- Preference will be given to candidates residing within Delhi/NCR region.
- The selected candidate will be required to join within 7 days.

How to apply: Candidates are requested to fill out the online application correctly which is available on the NHSRC website (<http://nhsrcindia.org>). Applications will be accepted in the prescribed online application format only. The last date for receiving applications is 2nd September 2026.

Terms of Reference

Consultant - Java Developer (Short Term) (04) NHSRC

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The Position reports to the Principal Team Lead- Technical NHSRC. This Position requires a strong moral and ethical code of conduct with essence of integrity, confidentiality while undertaking the responsibility.

Roles & Responsibilities

1. Design, develop, test, and maintain secure, scalable, and high-performance enterprise applications using Java and the Spring Boot framework.
2. Develop RESTful APIs and microservices, and integrate with internal and external systems for seamless data exchange.
3. Implement secure authentication and authorization mechanisms, including Single Sign-On (SSO), OAuth 2.0, and JWT, as per project requirements.
4. Design and optimize database interactions using JPA/Hibernate with relational and NoSQL databases such as PostgreSQL, MySQL, and MongoDB.
5. Write clean, reusable, and maintainable code following coding standards, design patterns, and secure coding practices.
6. Conduct unit and integration testing using JUnit, Mockito, and other testing frameworks, and maintain comprehensive technical documentation.
7. Collaborate with cross-functional teams, participate in Agile/Scrum ceremonies, and provide regular progress updates to project stakeholders.
8. Monitor application performance, troubleshoot software defects, security vulnerabilities, and performance bottlenecks, and implement appropriate fixes.
9. Ensure compliance with Government IT policies, security standards, data protection guidelines, and software development best practices.
10. Manage source code using Git/GitHub/GitLab, support CI/CD pipelines, perform code reviews, and contribute to deployment and release management activities.

Duration

The consultancy is a short-term position for 11 months

Qualification & Experience

For achieving the above-mentioned deliverables, the applicant is expected to possess the following qualifications & experience –

Essential Qualification – B.E./ B. Tech./ MCA/ M.E./ M. Tech from a recognized university or institution

Experience – 6 years or more.

Desirable: Experience in Govt. IT Projects / Govt. Health IT Projects

Note –

- Only shortlisted candidates will be called for an interview.
- The candidates may be subjected to written tests

Age Limit: Up to 50 Years (as on the date of receiving the application) As per HR Policy

Work Location: New Delhi with Willingness to travel on need basis

Remuneration Range: Between Rs. 1,00,000/- to Rs. 1,25,000/- per month (As per Policy)

****Fee offered within the band will be commensurate with qualification and experience***

Note: As this is a short-term assignment.

- Preference will be given to candidates residing within Delhi/NCR region.
- The selected candidate will be required to join within 7 days.

How to apply: Candidates are requested to fill out the online application correctly which is available on the NHSRC website (<http://nhsrcindia.org>). Applications will be accepted in the prescribed online application format only. The last date for receiving applications is **2nd September 2026**.

Terms of Reference
Consultant - Full Stack Developer (Node. Js) (Short Term) (03)
NHSRC

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The Position reports to the Principal Team Lead- Technical NHSRC. This Position requires a strong moral and ethical code of conduct with essence of integrity, confidentiality while undertaking the responsibility.

Roles & Responsibilities

The expected roles of the incumbent are –

- 1. Backend Development (Node.js):**
 - Design and develop robust RESTful APIs and microservices using Node.js
 - Implement data transformation, validation, and deduplication logic
 - Ensure high performance, scalability, and security of backend services
- 2. API Integration & Interoperability:**
 - Handle API orchestration, error handling, and retry mechanisms
 - Ensure compliance with API standards and interoperability frameworks
 - Manage versioning and backward compatibility of APIs
- 3. Frontend Development (Full Stack Role):**
 - Develop responsive UI components using modern frameworks.
 - Collaborate with UI/UX designers to implement pixel-perfect interfaces
 - Optimize frontend performance and usability
- 4. Database & Data Management:**
 - Design and manage databases (SQL/NoSQL as applicable)
 - Optimize queries and ensure efficient data retrieval
 - Implement data security and access control mechanisms
- 5. Performance & Scalability:**
 - Optimize application performance for high concurrent usage
 - Implement caching, load balancing, and asynchronous processing
 - Monitor and improve system responsiveness
- 6. Security & Compliance:**
 - Implement secure coding practices and data protection measures
 - Ensure compliance with government security guidelines and standards
 - Address vulnerabilities and support security audits
- 7. Testing & Debugging:**
 - Basic testing and debugging at first level
- 8. DevOps & Deployment Support:**

- Work with DevOps teams for CI/CD pipeline integration
- Support deployment, monitoring, and logging mechanisms
- Ensure smooth production releases

9. Collaboration & Documentation:

- Work closely with Business Analysts, UI/UX designers, and stakeholders
- Prepare technical documentation, API specifications, and code documentation
- Participate in sprint planning, reviews, and progress tracking

Duration

The consultancy is a short-term position for 11 months

Qualification & Experience

For achieving the above-mentioned deliverables, the applicant is expected to possess the following qualifications & experience –

Essential Qualification – B.E./ B. Tech./ MCA/ M.E./ M. Tech from a recognized university or institution

Experience – 8 years of experience.

Desirable: The resource may have 2 years of experience working in the Govt. health projects at National level.

Note –

- Only shortlisted candidates will be called for an interview.
- The candidates may be subjected to written tests

Age Limit: Up to 50 Years (as on the date of receiving the application) As per HR Policy

Work Location: New Delhi with Willingness to travel on need basis

Remuneration Range: Between Rs. 1,00,000/- to Rs. 1,25,000/- per month (As per Policy)

****Fee offered within the band will be commensurate with qualification and experience***

Note: As this is a short-term assignment.

- Preference will be given to candidates residing within Delhi/NCR region.
- The selected candidate will be required to join within 7 days.

How to apply: Candidates are requested to fill out the online application correctly which is available on the NHSRC website (<http://nhsrcindia.org>). Applications will be accepted in the prescribed online application format only. The last date for receiving applications is **2nd September 2026**.

Terms of Reference
Consultant- Project Management (Short Term) (01)
NHSRC

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The Position reports to the Principal Team Lead- Technical NHSRC. This Position requires a strong moral and ethical code of conduct with essence of integrity, confidentiality while undertaking the responsibility.

Roles & Responsibilities

The expected roles of the incumbent are –

1. Manage multiple projects with varying size and complexity.
2. Define and manage scope, timelines, milestones, budgets, and success metrics.
3. Develop project plans and monitor execution to ensure timely completion of deliverables.
4. Manage resource allocation and capacity utilization, ensure compliance with security, regulatory, and organizational policies.
5. Collaborate with engineering, product management, DevOps, and quality assurance teams to resolve complex issues and external stakeholders on priorities, timelines, and rollout.
6. Identify risks & mitigation plans, change management and other project management and governance practices for seamless execution of projects
7. Prepare project presentations, status updates, executive dashboards, project health reports and conduct executive reviews with senior officials and stakeholders.
8. Create and maintain knowledge repositories, user guides and support processes.
9. Drive customer success and user experience initiatives for continuous improvement towards operational efficiency and user experience, leading to best adoption of IT applications and solutions.
10. Other project management responsibilities as assigned from time to time.

Duration

The consultancy is a short-term position for 11 months

Qualification & Experience

For achieving the above-mentioned deliverables, the applicant is expected to possess the following qualifications & experience –

Essential Qualification – B.E./ B. Tech./MCA/M.E./M. Tech

1. Strong project management Skills, including the ability to prioritize work and meet deadlines
2. Extensive experience with Project management tools and technologies.
3. Strong understanding of the Software Development Life Cycle (SDLC)
4. Proven experience in building complex, large scale internet- based systems.
5. Experience working with cross-functional technical and business teams.
6. Strong analytical, organizational, and problem-solving skills.
7. Excellent communication, stakeholder management, and leadership abilities.

Experience – As per H.R. Policy (15 years or more)

Note –

- Only shortlisted candidates will be called for an interview.
- The candidates may be subjected to written tests

Age Limit: Up to 55 Years (as on the date of receiving the application) As per H..R Policy

Work Location: New Delhi with Willingness to travel on need basis

Remuneration Range: Between Rs.175000/- to Rs. 225000./- per month (As per Policy)

****Fee offered within the band will be commensurate with qualification and experience***

Note: As this is a short-term assignment.

- Preference will be given to candidates residing within Delhi/NCR region.
- The selected candidate will be required to join within 7 days.

How to apply: Candidates are requested to fill out the online application correctly which is available on the NHSRC website (<http://nhsrcindia.org>). Applications will be accepted in the prescribed online application format only. The last date for receiving applications is **2nd September 2026**.