Terms of Reference

Consultant - Full Stack Developer (Node. Js) (Short Term), IT Division (03)
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

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)

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

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 **11th November 2026.**