

## **Madhya Pradesh State Electronics Development Corporation Ltd.**

(A Govt. of M P Undertaking)

State IT Centre, 47 – A, Arera Colony, Bhopal – 462 011

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MPSEDC is in the process of establishing State Resident Data Hub (SRDH) for UIDAI. MPSEDC invites applications as detailed below for the SRDH Project :

### **1. Technical Lead - Open Source - (One Post)**

#### **Job Description :**

- The objective of this job is to lead Development Team (Open- Source) for IT Projects
- Evaluate Technical architectures and provide recommendations
- Collaborate with DCO/CT teams at Data Centre, Software Development Teams, Infrastructure Outsourcing Team, DBAs, Network Administrator and UIDAI Team as a consortium.
- Participate & own data centre upkeep and expansion plans, Liaison with user departments for State Data Centre usage, upkeep of client assets, own & drive Archival/back up/Restoration policies.
- Track SDC (State Data Centre) compliance for conducting tier 2 audits and Certifications from norms adherence and renewal stand-point.
- Benchmark new technologies
- Work on continuous up-gradation of technical artefacts.

#### **Core Responsibilities:**

- To Lead Software Development Team
- Interface with product principles i.e. be SPoC (Single Point of Contact)
- Potential candidate should have strong hands-on experience in :
  - Entire SDLC framework
  - IDE (Integrated Development Environments) Application/Hardware sizing
  - Hardware/Networking - RISC servers/industry preferred middle-wares and Networking technologies (product knowledge + sizing experience)
  - Testing Strategies, Estimation Techniques
  - Good understanding of data structures/DB schema/troubleshooting & optimization of DB issues Open source (Java/J2EE)/host centric platforms, architecture, Weblogic/websphere/Apache/Tomcat AS, Oracle11g DB experience, OS - HP-UX,MCV2 Architecture, Linux (Red-Hat/SCO), Windows
  - Preparation of RFP, DPRs and Technical Bids
- Potential candidate should have working knowledge of:
  - Data modeling techniques
  - DB2/Oracle - DB and application servers
  - Legacy Application/Data Migration - Operational & Implementation
  - Application Integration - DB/Code driven compatibilities
  - Data warehousing & Business Intelligence tools - Informatica/Abnitiio.
  - Conversant with CMMi L5 framework

In addition to above Primary Responsibilities, the incumbent may be assigned any other task from time to time by the Management of MPSEDC.

**Educational Qualification :**

B.E/B. Tech. (Electronics/Computer Science) from reputed Institute

**Essential Criteria :**

- Minimum 8 - 10 years relevant experience
- Minimum 3 - 4 years experience in lead capacity
- Work experience must span over 2-3 turnkey IT assignments (min.) with team size > 50
- PMP Certified
- Candidate should be executed role of being part of development teams in more than 3-4 projects and Commercial volume to be in excess of INR 10 million.
- Technology benchmarking experience
- Candidate should be self-driven and capable of generating PoC (Proof of Concept) directly and through a team
- Preparation of RFP, DPRs and Technical Bids
- Conversant with CMMi L5 framework

*Working experience for Government Clients & Data Centre would be added advantage*

**2. Developer – Open Source - (Two Posts)****Job Description :**

- Evaluate Technical architectures and provide recommendations
- Collaborate with DCO/CT Teams at Data Centre, software development teams, Infrastructure outsourcing team, DBAs, Network Administrator and UIDAI team as a consortium
- Participate & own data centre upkeep and expansion plans, Liaison with user departments for state data centre usage, upkeep of client assets, own & drive Archival/back up/Restoration policies. Track SDC (State Data Centre) compliance for conducted tier 2 audits and Certifications from norms adherence and renewal stand-point. Benchmark new technologies
- work on continuous up-gradation of technical artefacts

**Core Responsibilities :**

- To be part of Software Development Team
- Interface with product principles i.e. be SPoC (Single Point of Contact)
- Potential candidate should have strong hands-on experience in :
  - Entire SDLC framework
  - IDE (Integrated Development Environments)
  - Testing Strategies, estimation techniques, Good understanding of Data Structures/DB Schema/Troubleshooting & Optimization of DB issues
  - Open Source (Java/J2EE)/host centric platforms architecture, Weblogic/websphere/Apache/Tomcat AS, Oracle 11g DB experience
  - HP-UX, MVC2 Architecture, TRU 64 Unix, Linux (Red-Hat/SCO), Windows
  - Preparation of RFP, DPRs and Technical Bids
  - Potential candidate should have working knowledge of :
    - Data modeling techniques
    - DB2/Oracle - DB and application servers
    - Legacy Application/data Migration - operation and implementation
    - Application Integration - DB/Code driven compatibilities
    - Data warehousing & Business Intelligence tools - Informatica/Abnatio.
    - Conversant with CMMi L5 framework

In addition to above Primary Responsibilities the incumbent may be assigned any other task from time to time by Management of MPSEDC

**Educational Qualification :**

B.E/B. Tech. (Electronics/Computer Science) from a reputed Institute

**Essential Criteria:**

- Minimum 6-8 years relevant experience
- Work experience must span over 2 turnkey IT assignments (min.) with team size more than 50
- PMP Certified
- Candidate should be executed role of being part of Development Teams in more than 2 projects Project commercial volume to be in excess of INR 10 million
- Technology benchmarking experience
- Candidate should be self-driven and capable of generating PoC (Proof of Concept) directly and through a team
- Preparation of RFP, DPRs and Technical Bids
- Conversant with CMMi L5 framework

*Working experience for Government Clients & Data Centre would be added advantage*

**3. DBA (Database Administrator) – Oracle 11g : One Post**

**Job Description :**

- To be part of Software Development Team
- Evaluate Technical architectures and provide recommendations
- Collaborate with DCO/CT Teams at Data Centre, software development teams, Infrastructure Outsourcing Team, DBAs, Network Administrator and UIDAI team as a consortium.
- Participate & own data centre upkeep and expansion plans, Liaison with user departments for State Data Centre usage, upkeep of client assets, own & drive Archival/back up/ Restoration policies. Track SDC (State Data Centre) compliance for conducted tier 2 audits and certifications from norms adherence and renewal stand-point. Benchmark new technologies
- Work on continuous up-gradation of technical artefacts.

**Core Responsibilities:**

- Candidates with solid 6-8 years of strong database administration experience on Oracle 10g/11g
- Hands on experience on RAC (Real Application Cluster)
- Data structures/DB Schema - advise on DB tables/data storage & retrieval - optimize performance
- Help application teams identifying work flow optimizations - proactively
- Maintain and share web analytics & reporting - application and DB
- DB issues troubling shooting & Optimization of DB issues - run time/periodic DB activities - monitoring indexes/DB health
- Assisting application teams in migration scripts and writing web-services (push/pull data) from/to other databases
- Advise application teams on data archival/purging techniques
- Devise methodology of central DB repositories like data centres.
- Conversant with CMMi L5 framework

- Must have administered DB volumes in excess of 100 GB - for client/server and web-based applications.
- Open source (Java/J2EE)/host centric platforms, architecture, Weblogic/websphere/ Apache/Tomcat AS, Oracle11g DB experience
- OS - HP-UX, Linux ( Red-Hat/SCO), Windows
- Potential candidate should have good working knowledge of:
- Data modeling techniques
- Tools used for requirement gathering & generating SRS (Software Requirement Specifications)
- Tomcat/Apache/industry accepted – application servers
- Designing Techniques and Supporting Tools
- Legacy Application/data Migration - Operational and Implementation
- Application Integration - DB/code driven compatibilities
- MVC2 architecture
- Additionally below knowledge islands would be preferred:
  - Data warehousing & Business Intelligence tools - Informatica/Abnatio.
  - Should be able to collaborate with SeMT (State e-Mission Team), PeMT (Project e-Mission Team – outsourced to State user Departments for IT Projects).
  - In addition to above Primary Responsibilities the incumbent may be assigned any other task from time to time by Management of MPSEDC

#### **Educational Qualification :**

- B E/B.Tech. (Electronics/Computer Science) from reputed Institute

#### **Essential Criteria :**

- Minimum 6-8 years relevant experience
- Work experience must span over 2 turnkey IT assignments (min.) with team size more than 50.
- DBA Certification – Oracle 11g
- Candidate should be executed role of being part of development teams in more than 2 projects and project commercial volume to be in excess of INR 10 million.
- Technology benchmarking experience
- Candidate should be self-driven and capable of generating PoC (Proof of Concept) directly and through a team
- Preparation of RFP, DPRs and Technical Bids
- Conversant with CMMi L5 framework

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The appointment shall be on Contract basis initially for a period of 1 year extendable on satisfactory performance. Remuneration shall commensurate with Industry Practice. No. of vacancies may increase for appointments for other projects.

Sd/-

**Managing Director**