



JD – Technical Lead (Database: MS SQL Server / Oracle / PostgreSQL)

About Us

Novacis Digital Private Limited is a fast-growing product-based technology company headquartered at **IIT Madras Research Park**, a hub for cutting-edge innovation. We specialize in building **AI-powered digital products and analytics-driven solutions** that solve real-world problems.

Our leadership team brings over **100+ years of global experience** delivering scalable technology platforms and innovation labs for **Fortune 500 companies**. We are passionate about fostering a culture where technologists thrive by building smart, secure, and scalable products with real impact.

We're currently working on **next-generation LLM (Large Language Model) based systems** for intelligent document processing, dynamic workflow orchestration, AI copilots, and natural language analytics. If you're excited to work at the intersection of **databases, AI and scalable engineering**, you'll find yourself right at home here.

Why Join Us

- Be part of **LLM-first products** and cutting-edge GenAI solutions
- Work alongside experienced AI, data, and cloud professionals
- Collaborate in a startup-style environment backed by solid leadership
- Contribute to **AI-native platform architecture** using SQL + Vector DBs + NoSQL + Graph
- Influence product direction while mastering your domain craft

Real Projects You'll Work On

- **Contextual Search Systems** using SQL and vector embeddings
- **Structured metadata pipelines** that feed directly into **LLMs**
- **RAG-based GenAI solutions** combining SQL and vector embeddings
- **LLM-powered** data extraction and transformation workflows
- **SQL-integrated prompt orchestration layers** with LangChain and OpenAI

Eligibility Criteria

- Bachelor's degree in computer science, Engineering or a related field
- Minimum **8+ years** of experience in **RDBMS Design & development (SQL Server/ Oracle/ PostgreSQL)**

Must-Have Skills

- Deep understanding of **database design principles, normalization/denormalization, and data modeling**.
- Hands-on experience with **large datasets, high-concurrency systems, and production environments**.
- Solid knowledge of **database security, backup, replication, and high availability setups**.
- Proven experience in **performance tuning, query optimization, and indexing strategies**.
- Ability to manage and process **large datasets** in production environments.
- Expertise in **complex Stored Procedures, , Dynamic SQL, Views, Functions, Triggers**
- Experience in **leading a database team**, assigning tasks, reviewing deliverables, and ensuring project timelines.



Office Address

Module 10 (A3/10), Third Floor,
Block - A,
IIT Madras Research Park,
Kanagam Road, Taramani,
Chennai -600113



Website

www.novacisdigital.com



Roles & Responsibilities

- Lead the **design, architecture, and implementation** of scalable RDBMS solutions.
- Manage and mentor a **team of 2–5 database developers/analysts**, providing technical guidance and code reviews.
- Own end-to-end project execution: **requirements gathering, design, development, testing, deployment, and production support**.
- Collaborate with product managers, architects, and application developers to **translate business needs into efficient database designs**.
- Drive **SQL development** (stored procedures, functions, views, triggers, CTEs) with best practices and standards.
- Ensure **database performance, scalability, and reliability** through indexing, partitioning, and query optimization.
- Implement and oversee **database DevOps (CI/CD)**, version control, and release management processes.
- Manage **data integrity, security, and compliance requirements**.
- Conduct **capacity planning, backup/recovery strategy, and disaster recovery setup**.
- Provide **technical leadership** in adopting modern practices such as cloud RDBMS, data orchestration (Airflow, dbt), and integration with AI/ML pipelines.

Good-to-Have Skills

- Exposure to **LLM-driven architecture** and **GenAI product integration**
- Hands-on with **Vector DBs** (e.g., Vespa, Qdrant, FAISS) or **Graph DBs** (e.g., Neo4j)
- Experience working with **LangChain, RAG pipelines**, or embedding-based search systems

Apply If You...

- Love writing elegant, performant SQL
- Want to see your logic power AI copilots and real-time decision engines
- Believe structured data is the foundation of smart AI
- Thrive in cross-functional teams working on bold ideas



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