

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 **Alpowered 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, Al copilots, and natural language analytics. If you're excited to work at the intersection of **databases**, **Al and scalable engineering**, you'll find yourself right at home here.

Why Join Us

- Be part of **LLM-first products** and cutting-edge GenAl solutions
- Work alongside experienced AI, data, and cloud professionals
- Collaborate in a startup-style environment backed by solid leadership
- Contribute to Al-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 GenAl solutions combining SQL and vector embeddings
- LLM-powered data extraction and transformation workflows
- SQL-integrated prompt orchestration layers with LangChain and OpenAl

Eligibility Criteria

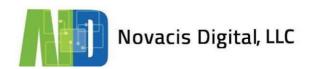
- Bachelor's degree in computer science, Engineering or a related field
- Minimum 8+ years of experience in RDBMS Design & development (SQL Server/ Oracle/ PostgreSQL)

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.







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 GenAl 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

