



JD – Senior Software Engineer(.NET)

About Us

Novacis Digital Private Limited is a US Based product-based technology company headquartered in Atlanta, GA with its Global R&D centre 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 **US Federal & State Government and 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 based on **AI first principles** for intelligent document processing, dynamic workflow orchestration, AI copilots, enterprise data analytics, Convolutional LLM application and natural language analytics. If you're excited to work at the intersection of **Application, Databases and AI**, you'll find yourself

Job Description

Why Novacis Digital

- 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**
- Influence product direction while mastering your domain craft
- Be part of R&D team building solutions for Global extension.

Real Projects You'll Work On

- Contextual Search Systems
- **Structured metadata pipelines** that feed directly into LLMs
- **RAG-based GenAI solutions**
- **LLM-powered** data extraction and transformation workflows
- SQL-integrated prompt orchestration layers with **LangChain and OpenAI**
- Cloud and application architectures for **AWS, Google Cloud & Azure**

Senior Software Engineer (.NET Technologies)

We are looking for a Senior Software Engineer (.NET Technologies) with **4–6 years** of experience in Microservice .NET technologies to join our dynamic Research & Development team in building next-generation, scalable products and applications.

What We're Looking For

- Educational background in **Engineering** with a proven track record of delivering successful projects.
- 4+ years of relevant experience in **software design and development**.



Office Address

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



Website

www.novacisdigital.com



- Strong understanding of **Object-Oriented Programming (OOPS)** principles and **Software Development Life Cycle (SDLC)**.
- Strong knowledge of **multithreading, parallel processing, TPL, and concurrency handling** for high-performance applications.
- Solid understanding of **memory management, garbage collection, and performance tuning** in .NET runtime.
- Hands-on experience in building **RESTful APIs using ASP.NET Core Web API** with **Dependency Injection**, middleware, filters, routing, and configuration management.
- Expertise in designing modular, scalable, and maintainable services using **microservices architecture** and **Domain-Driven Design (DDD) principles**.
- Strong analytical, **debugging**, and problem-solving abilities to resolve complex backend and performance issues.

Roles and responsibilities

- Design, develop, and maintain **high-performance, scalable, and secure .NET Core applications**.
- Ensure application quality by applying **OOPS, MVC architecture, and design patterns** for clean and reusable code.
- Design, develop, and integrate **Web APIs**, ensuring robust architecture, proper testing, and seamless interaction with internal and third-party systems.
- Perform **code reviews, performance optimization, and debugging** to maintain code quality and application stability.
- Follow established organizational standards for design, coding, testing, and documentation.
- Develop and execute **unit tests** to ensure software quality and reliability.
- Mentor junior developers and contribute to improving **coding standards, best practices, and system architecture**.
- Collaborate with cross-functional teams (Product, UI/UX, QA, DevOps) to deliver end-to-end solutions.

Good-to-Have Skills

- Exposure to Cloud Technologies like Azure, AWS etc..
- Exposure to LLM-driven architecture and GenAI product integration
- Experience working with LangChain, RAG pipelines, or embedding-based search systems
- Knowledge of AI/ML concepts, or willingness to learn and contribute to such projects
- Experience with **message queues** (ActiveMQ, Kafka, RabbitMQ).
- Familiarity with **observability and logging frameworks** (Serilog, Loki, Prometheus).
- Understanding of **workflow orchestration** (e.g., .NET Workflow Core, Temporal, or n8n).

Apply If You...

- Love working of AI Product Based Project
- 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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