Orion Global Systems

Senior Full Stack Developer (AI Focus)

Corporate Technology Group • Full-time • Hybrid (Preferred) / Remote Possible
Location: New York, NY (HQ) or any US time zone

About Orion Global Systems

Orion Global Systems is a Fortune 500 corporate services provider delivering enterprise-scale solutions in finance, operations, and analytics to clients in over 40 countries. Our internal technology organization builds secure, high-availability platforms that power critical business processes and increasingly leverage AI to deliver insights and automation.

Role Overview

We are seeking a **Senior Full Stack Developer** with deep experience across **.NET, Java, and Python** to help us define and evolve the next generation of our enterprise platforms, with a strong emphasis on **AI-driven capabilities**.

This is a highly hands-on technical role for someone who is comfortable jumping into complex, distributed systems, rapidly understanding existing codebases, and **identifying the right tools, libraries, and architectural patterns** to move us forward. You will work across multiple applications and services backed by various **SQL and NoSQL database providers**.

12+ Years Experience   .NET / Java / Python   AI & Machine Learning   Multiple Databases

Cloud & Microservices   Enterprise Systems

> You will be a key technical decision-maker: evaluating frameworks, designing reference architectures, and proving out approaches with POCs while still contributing production-quality code.

Key Responsibilities

- Analyze existing .NET, Java, and Python services and applications to understand current architectures, constraints, and integration points.
- Evaluate and recommend the most appropriate tools, frameworks, and libraries for new development, modernization, and AI integration (e.g., web frameworks, ORM, messaging, ML libraries).
- Design and implement full-stack features end-to-end, including APIs, business logic, data access, and front-end components.
- Build and integrate **AI capabilities** into enterprise applications (e.g., intelligent search, recommendation, NLP-driven workflows, document processing, anomaly detection).
- Work with multiple database technologies (e.g., SQL Server, PostgreSQL, Oracle, MongoDB, Redis) and choose appropriate data models and access patterns.
- Lead technical design sessions, create technical specifications, and define coding standards and best practices for the team.
- Create proof-of-concepts to validate architectural decisions and new tooling before broader rollout.
- Collaborate closely with solution architects, data scientists, product owners, and DevOps engineers to deliver secure, scalable, and maintainable solutions.
- Mentor mid-level and junior engineers, providing guidance on design, implementation, code quality, and testing.
- Contribute to CI/CD pipelines, observability practices, and performance optimization across the stack.

Required Qualifications

- **12+ years of professional software development experience**, with significant time spent in enterprise or corporate environments.
- Extensive hands-on experience with **at least two** of: **.NET (C#)**, **Java**, **Python**, and working familiarity with the third.
- Strong track record of working across the **full stack**: RESTful APIs, backend services, databases, and front-end web applications.
- Practical experience selecting and integrating tools/technologies to solve specific business and technical problems (e.g., deciding between frameworks, messaging systems, data stores).
- Solid understanding of **AI / Machine Learning fundamentals** and hands-on experience integrating AI/ML models or services into production applications (on-prem or cloud).

- Experience with at least one major cloud platform (Azure, AWS, or Google Cloud), including managed services for compute, storage, and data.
- Strong database skills, including relational (e.g., SQL Server, PostgreSQL, Oracle) and at least one NoSQL technology (e.g., MongoDB, Cassandra, Redis).
- Deep understanding of modern architectural patterns: microservices, REST, event-driven architectures, and asynchronous messaging.
- Proficiency in automated testing (unit, integration), code reviews, and CI/CD practices.
- Excellent communication skills and the ability to explain technical trade-offs to non-technical stakeholders.
- Bachelor's degree in Computer Science, Engineering, or equivalent practical experience.

Preferred Skills & Experience

- Experience with AI/ML frameworks and services such as TensorFlow, PyTorch, scikit-learn, Azure Cognitive Services, AWS AI services, or similar.
- Background in **data engineering** concepts: ETL pipelines, data lakes/warehouses, and structured/semi-structured data handling.
- Experience with modern front-end frameworks (e.g., React, Angular, or Vue) and TypeScript for enterprise web applications.
- Familiarity with containerization and orchestration (Docker, Kubernetes), and infrastructure-as-code tools (e.g., Terraform, ARM templates, CloudFormation).
- Experience in highly regulated or security-conscious industries (finance, insurance, healthcare, or similar).
- Prior involvement in setting coding standards, architectural governance, or technical roadmap planning.
- Exposure to MLOps concepts (model versioning, deployment, monitoring).

Tech Environment

You do not need experience with every technology below, but you should be comfortable learning and evaluating similar tools.

- **Languages:** C# (.NET 6+), Java 11+, Python 3.x, TypeScript/JavaScript
- **Frameworks:** ASP.NET Core, Spring Boot, FastAPI/Flask/Django, React or Angular
- **Databases:** SQL Server, PostgreSQL, Oracle, MongoDB, Redis
- **Cloud:** Azure (preferred) or AWS/GCP

- **AI/ML:** Python ML stack, cloud AI services, vector databases (e.g., Azure AI Search, Elasticsearch, or similar)
- **DevOps:** Git, Azure DevOps / GitHub Actions / Jenkins, Docker, Kubernetes
- **Practices:** Domain-driven design, clean architecture, automated testing, code review, observability (logging, metrics, tracing)

What We Offer

- Competitive base salary and annual performance bonus.
- Comprehensive health, dental, and vision coverage.
- 401(k) with company match and employee stock purchase plan.
- Generous paid time off, including company holidays and volunteer days.
- Learning and development budget for certifications, conferences, and training.
- Opportunity to influence enterprise technology strategy with a focus on AI adoption.
- Inclusive, collaborative culture in a stable, global corporate environment.

HOW TO APPLY

Please send your resume and a brief note highlighting relevant AI-focused projects and complex systems you have helped modernize to **careers@orionglobalsystems.com** with the subject line: *"Senior Full Stack Developer (AI Focus)"*.

If available, include links to your GitHub, technical blog, or any public talks or articles where you discuss architecture or tooling decisions.