

Diego Santos

✉ eusantos.com
📍 Punto Fijo, Falcon, Venezuela

🔗 github.com/sandotech
🌐 linkedin.com/in/sandotech

☎ (+58) 424-6353357
✉ dseosantos76@gmail.com

Full Stack Engineer with 3+ years of production experience architecting resilient backend ecosystems, high-volume databases, and scalable distributed workflows. Proven track record designing enterprise-grade Web APIs and secure financial transactional workflows within the Microsoft ecosystem (.NET 8 / C#) and Node.js environments. Adept at decoupling legacy monolithic software into distributed cloud microservices, implementing Clean Architecture, and optimizing database layers to eliminate concurrency bottlenecks. Strong advocate for SOLID principles and automated pipelines across AWS and Azure cloud environments.

Experience

Full Stack Engineer Chicksgold Inc. (Contract) Nov 2024 - Present

- Architect and scale mission-critical backend services and robust financial transactional workflows using C#, .NET 8, and ASP.NET Core for a high-traffic e-commerce marketplace
- Engineered high-performance RESTful Web APIs and distributed system layers enabling seamless integration between core transactional logic and client applications
- Optimized complex MySQL schemas, data models, and indexing strategies, reducing query latency by 35% and eliminating database contention over high-volume payment flows
- Streamlined multi-cloud deployment workflows utilizing AWS and Microsoft Azure services alongside automated CI/CD pipelines to guarantee secure release cycles
- Troubleshoot complex runtime performance bottlenecks, improving API response times by 40% and guaranteeing 99.95% system uptime across distributed production environments
- Collaborate closely in a distributed Agile/SCRUM engineering squad, actively participating in system design reviews, sprint planning, and high-standard peer code evaluations

Full Stack Developer MTS Group (Project-based) May 2024 - Oct 2024

- Engineered secure backend architectures and automated data-processing pipelines utilizing Python, Django, and REST frameworks for scalable web applications
- Optimized relational MySQL databases to guarantee multi-service data consistency and high-throughput query performance under heavy concurrent usage
- Provisioned and managed secure cloud infrastructure components leveraging AWS (EC2, S3), reducing infrastructure overhead while maintaining a 99.9% environment uptime
- Implemented enterprise-grade security layers, including rigorous JWT token authentication and fine-grained authorization mechanisms to safeguard sensitive user data

Full Stack Developer Dream Junk Studios (Contract) Mar 2024 - Aug 2024

- Developed highly available RESTful Web APIs and scalable user management systems utilizing Node.js, Express.js, and TypeScript
- Substantially reduced API latency overhead by ~25% by redesigning complex database query configurations and relational mappings under PostgreSQL, ensuring system high availability
- Deployed and maintained cloud-native backend services using AWS infrastructure, streamlining build workflows and enhancing production environment reliability

Backend Developer Argatio (Project-based) Nov 2023 - Feb 2024

- Successfully decoupled a legacy monolithic platform into a distributed, lightweight Node.js microservices architecture, driving massive gains in scalability and overall system observability
- Modeled high-performance relational and document-based data layers using MySQL and MongoDB, ensuring robust data structures for internal core platform services
- Built fault-tolerant REST APIs to orchestrate data ingestion between internal distributed services and third-party external integrations
- Implemented structured logging, telemetry, and monitoring pipelines, drastically increasing production error-traceability and proactive incident response times

Education

Bachelor of Science in Systems Engineering (In Progress) Apr 2025 - Mar 2030

Instituto Universitario Politecnico Santiago Marino

Falcon, Venezuela

Skills

Core Stack & Architecture: .NET 8, C#, ASP.NET Core, Node.js, TypeScript, RESTful Web APIs, Microservices, Clean Architecture, DDD, SOLID Principles

Databases & Caching: PostgreSQL, MySQL, Redis, Prisma ORM, Entity Framework Core, MongoDB, LINQ, SQL Tuning

Cloud, DevOps & Tools: AWS (EC2, S3), Microsoft Azure, Docker, CI/CD Pipelines, Git / GitHub, Linux, Nginx, System Observability

Languages: Spanish (Native), English (Professional)