

Diego Santos

Full Stack Engineer | .NET | Node.js | React | Angular github.com/sandotech
Remote

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Professional Summary

Full Stack Engineer with experience designing and building **scalable backend systems, RESTful APIs, and distributed services** using **.NET, ASP.NET Core, Node.js, and modern JavaScript frameworks**. Skilled in developing **microservices architectures**, high-performance backend services, and interactive web applications.

Experienced working with **MySQL, PostgreSQL, and MongoDB**, designing efficient data models and high-throughput database queries. Proficient in deploying and maintaining applications in **AWS and Microsoft Azure cloud environments**, implementing **CI/CD pipelines and containerized services using Docker**.

Strong advocate of **Clean Architecture, SOLID principles, and maintainable system design**, with experience collaborating in **Agile/SCRUM engineering teams** to deliver reliable and scalable production software.

Experience

Full Stack Engineer **Chicksgold Inc.** **Nov 2024 – Present**

- Design and develop scalable backend services using **C#, .NET 8, ASP.NET Core, and Entity Framework Core**
- Build and maintain **RESTful APIs and Web APIs** enabling communication between distributed backend services and frontend applications
- Design and optimize **MySQL database schemas, indexes, and SQL queries** supporting high-volume transactional workflows
- Implement backend logic for **financial and transactional systems**, ensuring strong **data integrity, reliability, and security**
- Maintain **CI/CD pipelines and automated deployment workflows** improving reliability of application releases
- Troubleshoot backend performance issues and optimize **API response times and database performance**
- Collaborate with distributed engineering teams using **Agile/SCRUM methodologies**, contributing to sprint planning, code reviews, and feature delivery

Full Stack Developer **MTS Group** **May 2024 – Oct 2024**

- Developed backend services using **Python and Django** supporting scalable web applications and secure data processing
- Designed and optimized **MySQL schemas and SQL queries** improving application performance and data consistency
- Implemented **AWS cloud infrastructure** including **S3 and EC2** for scalable storage and service deployment
- Built secure **authentication and authorization mechanisms** protecting user accounts and application services
- Collaborated with distributed engineering teams to deliver backend features and maintain platform reliability

Full Stack Developer **Dream Junk Studios** **Mar 2024 – Aug 2024**

- Developed backend services using **Node.js, Express.js, and TypeScript** supporting user management and platform functionality
- Designed and maintained **RESTful APIs** integrating frontend applications with backend systems and external services
- Managed relational data using **PostgreSQL**, optimizing queries and database performance
- Deployed and maintained backend services in **AWS cloud environments**, supporting scalable and reliable infrastructure

Backend Developer **Argatio** **Nov 2023 – Feb 2024**

- Migrated legacy backend systems to a **Node.js microservices architecture**, improving scalability and maintainability
- Designed relational and document-based data models using **MySQL and MongoDB**
- Built secure **REST APIs** supporting internal platform services and external integrations
- Implemented **logging and monitoring systems** improving system observability and production reliability
- Developed technical documentation and supported onboarding of new engineering team members

Education & Certifications

Associate Degree in Computer Science (In Progress) **(UTS) — 2025 – 2028**

Professional Ruby on Rails Certification **Codigo Facilito — 2024**

Ruby on Rails Certificate **Codecademy — 2024**

.NET & Entity Framework Core Specialization **Self-Directed Professional Training — 2024**

Software Development Studies **Platzi / freeCodeCamp**

Skills

Full Stack Development: .NET 8, ASP.NET Core, Node.js, Express.js, Django, Ruby on Rails, React, Angular, REST APIs, Web APIs, Microservices

Programming Languages: C#, TypeScript, JavaScript, Python, Ruby, SQL

Databases: MySQL, PostgreSQL, MongoDB, Redis

ORM & Data Access: Entity Framework Core, LINQ

Cloud Platforms: AWS (EC2, S3), Microsoft Azure

DevOps, Infrastructure & Security: Docker, CI/CD Pipelines, Git, Linux, JWT Authentication, Secure API Design

Architecture: Clean Architecture, Domain-Driven Design (DDD), Distributed Systems, SOLID Principles