Flavio de Paula

Senior Backend Developer | C# / .NET | Cloud & Microservices

São Paulo, Brazil | Remote (EST Availability)
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English: Professional Working Proficiency

Professional Summary

Senior Backend Developer with 18+ years of experience building scalable APIs and distributed systems using C# and .NET. Strong background in RESTful API design, microservices architecture, SQL databases, and cloud platforms (Azure and AWS). Experienced in delivering production-ready code, optimizing performance, and working effectively in remote, distributed teams.

Core Skills

C# / .NET / .NET Core • ASP.NET Web API • RESTful APIs • Microservices • Distributed Systems • SQL Server • PostgreSQL • Oracle • Data Modeling • Query Optimization • Entity Framework Core • Event-Driven Architecture • Kafka • Azure • AWS • Docker • Kubernetes • CI/CD • Git • Unit & Integration Testing

Professional Experience

Senior Software Engineer (Contract)
Flylance – Remote (US-based client)
06/2024 – Present
- Develop and maintain backend services using C#/.NET in Azure environments.
- Design and implement RESTful APIs for data processing workflows.
- Optimize database queries and improve application performance.
- Implement automated tests and participate in code reviews.
- Collaborate with frontend and DevOps teams in a remote environment

Senior Software Engineer / Technical Lead (Contract Consultant)
Innvo Labs, São Paulo, Brazil, Remote — 06/2023 to 07/2024
- Led backend development of SaaS services using .NET 6/8.
- Designed and implemented RESTful APIs and microservices.
- Improved system performance and optimized database access patterns.
- Conducted code reviews and mentored engineers.
- Worked closely with product and DevOps teams in a fast-paced environment.

Senior Software Engineer (Contract)
OpsGuru, Toronto, Canada, Remote — 01/2023 to 11/2023
- Developed backend services for a cloud-based multi-tenant platform using AWS.
- Migrated legacy systems to AWS (ECS, Fargate, API Gateway).
- Designed scalable APIs and improved deployment pipelines.
- Contributed to CI/CD automation and testing practices.

Senior Software Engineer (full-time)

XP Investimentos, São Paulo, Brazil, Remote — 05/2019 - 11/2022

- Built distributed microservices for high-volume data processing.
- Developed RESTful APIs and asynchronous workflows using Kafka.
- Optimized SQL queries and handled large transactional datasets.
- Implemented extensive unit and integration testing strategies.

Senior Software Engineer (full-time)

Fundação Carlos Chagas, São Paulo, Brazil, On-Site — 01/2019 to 05/2019

- Developed and modernized backend systems.
- Improved database performance and system stability.

Attention: I have several other experiences described on my LinkedIn profile.

Education

Bachelor's Degree in Data Science (In Progress) – FIAP
Bachelor's Degree in Analysis and Software Development (Incomplete) – FIAP