

Maurício Henrique Nilton da Silva

Full Stack Web & Mobile Developer

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****EXPERIENCES****

****Tática Group**** – Senior Systems Developer

July 2023 - March 2024, Condominium Security Company

At Tática Security Company, I led the development of a complete system from scratch to manage 180 companies using .NET Core, and coordinated the development of 4 Flutter applications. This 9-month project integrated modern technologies to deliver effective and scalable solutions.

Key responsibilities included:

- Development and implementation of a centralized system for company management using .NET Core.
- Team coordination in developing and launching 4 Flutter mobile applications to enhance user experience.
- Implementation of RESTful APIs to ensure efficient communication between internal systems and mobile applications.
- Utilization of best development practices and agile methodologies to ensure timely delivery and product quality.

****TOTVS**** - Senior Full Stack Web Developer - TOTVS, Goiás Team

April 2022 - March 2023 (1 year)

At TOTVS, I contributed as a senior full stack web developer in the Goiás team, significantly contributing to the global Winthor project. My experience involved developing new functionalities for point of sale and creating solutions for wholesale and retail segments, including the core of the Winthor system. I used various

technologies in a secure internal system, including legacy C# 3.1, Delphi, Oracle, PLSQL, cloud testing, and integration.

Key achievements:

- Development and documentation of RESTful APIs to facilitate integration between legacy systems and new functionalities developed.
- Implementation of robust solutions to ensure efficient communication and system scalability.
- Active collaboration in a large-scale global project, working directly with local and international teams to achieve established goals and deadlines.

My experience at TOTVS demonstrates my ability to handle complex projects, integrate diverse technologies, and meet specific needs of clients and market sectors.

****BRASKEM - Konia Tecnologia****

Senior Full Stack Web Developer

January 2021 - November 2021, São Paulo, Brazil

At Konia Tecnologia, I worked as a senior full stack web developer, focusing on technologies such as C#, ASP.NET Core, Kotlin, and Xamarin for Android/iOS app development. I specialized in Machine Learning and integrated RESTful APIs to improve communication between the central system and mobile devices, using MLKit in the Braskem logistics project. I implemented RESTful design principles to ensure system scalability and maintenance.

Key libraries used:

- Prism
- MVVM Light
- Xamarin.Essentials
- Xamarin.Forms.Visual.Material
- SQLite-net
- FFImageLoading

- SkiaSharp
- Newtonsoft.Json
- Refit
- Polly
- Realm
- Rg.Plugins.Popup

This project highlighted my ability to use a variety of libraries to develop robust and efficient solutions, integrating advanced technologies to effectively achieve business objectives.

****OSBR - Services of Brazil****

Senior Full Stack Developer C# ASP.NET Core

January 2019 - January 2020, São Paulo, Brazil

At Grupo EPTV, I provided software consulting services focused on the TV sector, using the Ommini Channel ERP. I developed and implemented RESTful APIs to enable continuous integration between TV management systems and third-party applications. I used Azure Functions to orchestrate asynchronous processes and ensure a scalable microservices architecture.

Key achievements:

- Development and implementation of RESTful APIs to facilitate integration between TV management systems and third-party applications.
- Use of Azure Functions for orchestrating asynchronous processes, ensuring a scalable microservices architecture.
- Provision of specialized software consulting services focused on the TV sector, using the Ommini Channel ERP.

This project demonstrates my experience in full stack development using C# and ASP.NET Core, as well as my ability to implement robust and scalable solutions for integrating systems and third-party applications.

****TI HUNTERS****

Advanced Industrial Systems Developer

6 years of experience

I provided services to global companies, developing advanced industrial systems using C# and the SCada IGNITION system. I developed RESTful APIs to facilitate integration between process control systems and remote monitoring applications. I used technologies such as SignalR for real-time communication, ensuring the security and integrity of transmitted data.

Key achievements:

- Development of advanced industrial systems using C# and SCada System IGNITION.
- Implementation of RESTful APIs to integrate process control systems with remote monitoring applications.
- Use of SignalR for real-time communication, ensuring the security and integrity of transmitted data.

My experience includes delivering robust solutions to global companies, using advanced technologies to optimize industrial processes and ensure operational efficiency.

****Skills and Technologies****

- Backend Development: C#, ASP.NET Core, Web API, REST, SignalR, Entity Framework Core, Identity, Dependency Injection, Middleware.
- Frontend Development: Flutter, Kotlin, Xamarin, Android, iOS, Swift, React Native, React.JS, Angular, HTML, Bootstrap, JavaScript, Razor, Blazor.
- Database: SQL Server, Azure SQL Database.
- Cloud & DevOps: Microsoft Azure (App Service, SQL Database, Functions), Docker, Kubernetes, CI/CD, TFS.
- Testing: Test-Driven Development (TDD) with NUnit, xUnit, MSTest, Moq, FluentAssertions. Integration Testing using Selenium WebDriver, SpecFlow, Postman, RestSharp, Flurl, WireMock, Mountebank.

- Methodologies: Scrum, Agile, Clean Architecture, Microservices Architecture, Domain-Driven Design (DDD).
- Version Control & Collaboration: Git, GitLab, Bitbucket, GitHub, Sourcetree.
- Other Technologies: Docker, Kubernetes, Composer, Elastic Search, Kafka, RabbitMQ, Modbus, SignalR, CQRS, gRPC, RPC.

This profile highlights my extensive experience in both backend and frontend development, web and mobile, using various technologies and popular frameworks. I have deep knowledge in software architectures, agile methodologies, DevOps practices, as well as expertise in system integration, software testing, and collaborative version control.