

Maycon Gonçalves dos Santos

Senior Software Engineer | .NET, C# & React | Legacy .NET 4.5 to .NET 10 modernization

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SUMMARY

Senior Software Engineer with over 6 years of experience across backend, frontend, and cloud infrastructure, focused on backend development and modernizing legacy .NET systems running in production. Core stack includes C#, .NET, React, and SQL Server, with Entity Framework, Dapper, Apache Kafka, RabbitMQ, Redis, PostgreSQL, Docker, and Azure DevOps, using Claude and GitHub Copilot daily to plan migrations and support development. Designed and built .NET APIs from scratch with Clean Architecture and Domain-Driven Design, improving development speed and reducing long-term maintenance issues, and cut deployment time by over 40% through CI/CD pipelines with Azure DevOps and Docker. Automated document generation previously done manually using Apache Kafka and background workers in C#, reducing manual effort by approximately 30%. Open to remote roles with international teams, with full overlap with US business hours.

EXPERIENCE

Senior Software Engineer

Oct 2025 - Present

In All Media | Austin, Texas, United States (Remote)

Placed by a US consultancy at UL Solutions, a global applied safety science company.

- Migrated four legacy APIs and Windows Services from .NET 4.5 to .NET 10 in under three months, keeping functionality and adding automated tests
- Made legacy services consumable by systems on current .NET versions that were previously incompatible
- Owned the migration plan after mapping each system with the client's stakeholders, deciding what was rewritten and renegotiating scope
- Implemented AES-128/256 encryption and Redis caching, with packages updated for security and scalability
- Used Claude and GitHub Copilot to plan migrations

Skills: .NET 4.5 to 10, C#, React, SQL Server, Redis, SOAP/WSDL, Azure DevOps

Full Stack Software Engineer

Oct 2024 - Oct 2025

Ímpar | Rio de Janeiro, Brazil (Remote)

Brazilian technology consultancy building internal systems for large clients such as Vale.

- Gave outsourced workers autonomy to reach reports on their own, integrating two SharePoint portals onto the same database and API with role-based limits
- Delivered a POC of a new background check flow with Refinitiv LSEG after mapping the failures of Vale's legacy system
- Owned architecture decisions as the only C# developer on the support tower

Skills: C#, .NET, SharePoint, React, GraphQL, Azure

Full Stack Software Engineer

Dec 2023 - Oct 2024

Projétil | São Paulo, Brazil (Remote)

Startup and software house building systems from scratch.

- Reduced deployment time by over 40% with CI/CD pipelines on Azure DevOps and Docker, plus a documented playbook for the team
- Led a squad of junior developers as tech lead
- Built a new API architecture using C# (.NET), Dapper, and PostgreSQL, applying DDD, SOLID principles, clean code, and Swagger documentation
- Trained team members on the new backend architecture to ensure consistency and maintainability
- Migrated frontend from React to Next.js to improve SEO, performance, and maintainability

Skills: .NET, C#, Dapper, PostgreSQL, Docker, Azure DevOps, React, Next.js, React Native

Full Stack Software Engineer

Jun 2023 - Nov 2023

MB Labs | São Paulo, Brazil (Remote)

MB Labs is a software development company focused on product modernization and innovation.

- Developed a reporting feature to determine optimal locations for opening new businesses, using data analysis and integration with Power BI
- Built the reporting backend using C# and ASP.NET Web Forms 3.5, ensuring compatibility with existing infrastructure
- Identified and fixed cross-platform bugs in a logistics mobile system using React Native, Redux, and Axios
- Implemented monitoring tools like Bugsnag, Firebase, and CloudWatch to proactively capture crashes and bugs
- Maintained backend APIs in C# with .NET 6.0, supporting legacy integrations and business logic

Skills: C#, ASP.NET Web Forms, React Native, Redux, Firebase, CloudWatch, .NET 6.0

Full Stack Software Engineer

Feb 2020 - May 2023

Undefined Technology | Salvador, Bahia, Brazil (Remote)

Consulting company focused on accelerating talent development and delivering software solutions across multiple industries and clients.

- Developed integration with Zebra printers using ZPL to automatically generate shipping box labels, replacing manual handwriting and reducing operational errors
- Built investment plan features for a financial system, allowing users to simulate and select private pension options via new Angular frontend screens
- Designed a permission management flow enabling administrators to define access levels for each user group, enhancing platform security
- Helped build a document processing pipeline using Kafka and background workers to generate and populate PDF templates with user data, significantly reducing manual workload
- Followed Git Flow for version control and managed tasks using Azure Boards in an agile environment

Skills: ZPL, Angular, Kafka, Azure Boards, Git Flow

EDUCATION

High School

Jan 2016 - Dec 2018

Colegio Estadual Gonçalo Muniz

SKILLS

SharePoint, Agile Methodologies, Claude Code, MCP, Auth, AI, Node.js, Looker, Self-Management, GitHub Copilot, GraphQL, Systems Design, Docker, C#, Next.js, PostgreSQL, ASP.NET Web Forms, React, SQL, Angular 2

LANGUAGES

English: Full professional proficiency | French: Elementary proficiency | Japanese: Elementary proficiency | Portuguese: Native or bilingual proficiency | Spanish: Elementary proficiency

LICENSES & CERTIFICATIONS

- Programming Logic with JavaScript | Cubos Academy | 2021
- Algorithms and Programming Logic in C | Udemy | 2021