

Luan Kesley Rabelo

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[Github](#) | [Linkedin](#) | [Portfolio](#)

SKILLS

Programming Languages	C# JavaScript TypeScript SQL
Frameworks & Tools	.NET Core ASP.NET Entity Framework React Next.js HTML CSS TailwindCSS
Cloud & DevOps	Azure Functions Azure DevOps Azure Service Bus Docker N8N
Databases	PostgreSQL SQL Server Redis

EXPERIENCE

TMB Educação

Nov. 2023 - Present

Fullstack Developer

São José dos Campos, SP

- Designed and scaled a checkout system using **.NET Core**, **Redis**, and **PostgreSQL**, increasing throughput from **1K to 16K RPS**, optimizing latency and system resilience for high-load financial transactions.
- Built automated **CI/CD pipelines** in **Azure DevOps**, improving deployment frequency and reducing system downtime through robust orchestration and telemetry monitoring.
- Integrated **Azure AI Vision** and **OCR (Serasa)** for real-time fraud detection in high-volume financial transactions, implementing advanced security measures and document validation.
- Implemented async messaging workflows using **Azure Service Bus** and **Azure Functions**, increasing system decoupling and fault tolerance in distributed architecture.
- Applied advanced caching strategies using **Redis** (Write-behind, Cache-aside, Write-around) to boost backend performance and ensure high availability.
- Developed internal platforms for ops/product teams using **React**, **Next.js**, **TailwindCSS**, and **Entity Framework**, enabling faster iterations and clearer analytics.
- Unified payment systems (**PIX**, **boleto**, **Asaas**) in a modular architecture supporting real-time auditability and cross-functional collaboration with stakeholders.
- Optimized **PostgreSQL** database queries and structures, implementing performance monitoring and achieving significant improvements in system reliability.

Explorenet

May 2023 - Nov. 2023

Software Developer

Alexânia, GO

- Built GPS-enabled field tools in **React + Next.js** for technicians, improving routing efficiency and enabling automated service orchestration with geolocation features and connection validation.
- Automated customer screening using **Serasa Qnab API**, reducing manual workload and streamlining the sales process through intelligent automation.
- Created a lead-generation **WhatsApp bot via N8N**, improving sales conversion flow by **30%** through automated communication workflows and integration with CRM systems.
- Customized **Salesforce components** for plan management, support, and CRM automation, collaborating cross-functionally with commercial, support, and marketing teams to improve operational efficiency.

Divtech

Jan. 2023 - Jun. 2023

C# Developer Analyst

Rio de Janeiro, RJ

- Maintained and extended the IPMA system with **ASP.NET Core**, contributing to mission-critical public sector operations while following enterprise-scale development practices for scalability and performance.
- Engineered secure file systems using **Blazor** and **Razor Pages**, enabling role-based access control and improving data security through advanced authentication mechanisms.
- Optimized **SQL Server** queries achieving **100x speed improvements** in execution time, dramatically enhancing system performance and user experience through data processing optimization.
- Delivered client-facing dashboards with strong emphasis on UX, scalability, and maintainability, receiving recognition and praise from stakeholders for technical excellence.
- Developed automated certification file generation in PDF format, implementing robust data processing services and improving operational workflows.

EDUCATION

Bachelor in Computer Science

Jan. 2022 - Jan. 2026

Centro Universitário FAM

São Paulo, SP

NOTABLE PROJECTS

URL SHORTENER + IP LOGGER

Dec. 2022

Full Stack Developer - C# | SQL | TypeScript | React.js | ASP.NET Core | PostgreSQL | EntityFramework

Alexânia, GO

- Built a telemetry-driven link shortener with geolocation, device fingerprinting, and dashboard analytics using **ASP.NET Core**, **React**, **TypeScript**, and **PostgreSQL**, demonstrating expertise in distributed systems and real-time data processing.