Felipe Guimarães

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SUMMARY

Solutions Architect and Technical Lead with solid Full Stack development experience, specializing in .NET C#, and proficient in modern Front-end frameworks (React, Vue, Flutter). Expertise in designing and implementing scalable architectures (Microservices, EDA, Vertical Slice), Cloud Computing (AWS, Azure), DevOps (CI/CD, Docker, Kubernetes), API security, and observability practices. Technical team leadership focused on high performance, product strategy, and continuous value delivery. I have strong interest and practical experience in Artificial Intelligence, developing solutions with RAG, ONNX, and local LLMs for automation and analysis. MBAs in People Management/Leadership and Project Management complement my technical role with strategic and managerial vision. Seeking challenging opportunities that combine complex architecture, technical leadership, and the application of new technologies, including AI.

TECHNICAL SKILLS

Languages: C#, Python, JavaScript, TypeScript, Java, PL/SQL, VB.

Back-end Frameworks: .NET (.NET Framework, .NET Core, Minimal APIs, Dapper, MediatR), Node.js.

Architecture Patterns: Microservices, Event-driven Architecture (EDA), Vertical Slice Architecture, DDD, Design Patterns, API Design, Clean Architecture.

Front-end Frameworks: React, Vue.js (Vuex, Composition API), Flutter (UI/UX Best Practices), Angular, jQuery, Razor.

Databases: PostgreSQL, SQL Server, Oracle, MySQL, MongoDB, DynamoDB, Redis.

Messaging: RabbitMQ, SQS, Kafka, Masstransit.

Cloud Computing Infra: AWS, Azure, S3, Docker, Kubernetes (K8s, K3s, Portainer), IIS.

DevOps CI/CD: Azure DevOps, GitHub Actions, CI/CD Principles, Monitoring (ELK stack), Observability, Automation.

Security: API Security, Authentication/Authorization (JWT, OAuth2), Identity Management.

Methodologies Practices: SCRUM, KANBAN, TDD, Unit Testing, Inner Source, Scaffolding.

Artificial Intelligence: RAG (Retrieval Augmented Generation), ONNX (for QA models), Local LLMs, Analysis Automation.

EDUCATION

Universidade Veiga de Almeida (UVA)
MBA in People Management and Leadership   *Jan 2023 – Nov 2023*

Descomplica
MBA in Business and Information Technology Management   *Fev 2021 – Dez 2021*

UniLaSalle
Bachelor's Degree in Information Systems   *Jan 2012 – Jan 2017*

EXPERIENCE

Solutions Architect   Sep 2024 – Present
Genial Investments

Solutions Architect responsible for the Fixed Income, Funds, B2B, Global Investments, and Pension teams.

• RESULT - **Reduced annual costs by 300k BRL** by migrating the company's log stack to ELK, optimizing costs and observability.

• RESULT - Accelerated internal component development by implementing an Inner Source-based package creation flow, reducing bureaucracy, promoting reusability, and increasing team agility.

• RESULT - Automated repository creation in Azure using Backstage and custom scaffolding, optimizing CI/CD pipelines for various project types (workers, APIs, BFFs).

• RESPONSIBILITY - Defining and disseminating architecture, coding, security, and quality assurance standards for code and tests.

Technologies: .NET, C#, React, Flutter, Redis, S3, SQS, Masstransit, Rabbit MQ, Kafka, Oracle, MongoDB, Docker, CI/CD, AWS, InnerSource, EDA, Microservices.

Tech Lead   Mar 2020 – Sep 2024
BTG Pactual

Technical Lead for the team responsible for funds accounts and clients.

• RESULT - **Approximately 30k USD saved in the last year** by leading the architectural change of the main system, deciding to switch the database from DynamoDB to PostgreSQL, aiming for cost optimization and query flexibility.

• RESULT - Daily processing of **approximately 50 million messages** using RabbitMQ, enabling the integration of a new client with **25BN USD** under management and ensuring scalability for future growth.

Technologies: .NET, C#, React, PostgreSQL, Redis, S3, SQS, Masstransit, Rabbit MQ, Docker, CI/CD, AWS, EDA (Event-driven architecture), Microservices.

Creation and execution of the strategic roadmap for digital client onboarding, optimizing user experience and internal processes.

• RESULT - **Approximately 200h/month of efficiency** generated through onboarding flow optimization and manual step automation.

Technologies: .NET, C#, React, PostgreSQL, Redis, S3, SQS, Masstransit, RabbitMQ, Docker, CI/CD, AWS, EDA (Event-driven architecture), Microservices.

Technical Lead for the team responsible for the funds risk area.

• RESULT - **Approximately 600 hours saved in the last year** and increased reliability by developing a scalable system to ensure the daily execution of 10 thousand investment funds, replacing an outdated and unreliable legacy system.

Technologies: .NET, C#, React, PostgreSQL, S3, Rabbit MQ, Docker, CI/CD, AWS, EDA (Event-driven architecture), Microservices.

Full Stack Developer   Mai 2019 – Mar 2020
RealTask Technology

Development of solutions (APIs, Workers, Front-Ends) for risk calculation and management, handling high data volumes.

• RESULT - Transformed a manual spreadsheet-based process into a robust and scalable system, enabling the expansion of services offered by the area and ensuring calculation accuracy.

Technologies: .NET, C#, React, Rabbit MQ, PostgreSQL, Docker, Kubernetes, CI/CD, Azure DevOps, Redis, AWS, S3, Dynamo, EDA (Event-driven architecture), Unit testing, Microservices.

Full Stack Software Developer   Mai 2018 – Mai 2019
Grupo Salta Educação

Development of APIs and services for school systems (enrollment, financial, etc.), modernizing educational processes.

• RESULT - Implemented an online enrollment system with a reduced **10-minute** process, enabling the deactivation of the old in-person system and improving the experience for students and guardians.

Technologies: .NET, C#, SignalR, Angular, Knockout, Node, SQL Server, CI/CD, TDD (Test-driven development), Microservices.

Full Stack Developer   Jun 2017 – Mai 2018
Granado Pharmacias

Development of an online fragrance game (API + Front-End) as a marketing and customer engagement tool.

• RESULT - Interactive game available on physical store tablets and online, attracting approximately **30k users/year** and recommending personalized perfumes and Spotify playlists based on user preferences.

Technologies: .NET, C#, jQuery, Razor, Javascript, SQL Server, PLSQL, IIS.

Development of an internal sales system for HR, focused on selling products nearing expiration to employees.

• RESULT - Efficient system that enabled selling products with a 70% discount to employees, optimizing inventory management and generating value for the company and collaborators.

Technologies: .NET, C#, jQuery, Razor, Javascript, SQL Server, PLSQL, IIS.

Development of a commissions report, consolidating sales data and applying complex business rules.

• RESULT - Replaced manual spreadsheet control with an automated system that accurately calculates taxes and commissions, resulting in a **10% reduction** in the final amount paid in monthly commissions.

Technologies: .NET, C#, jQuery, Razor, Javascript, SQL Server, PLSQL, IIS.

LANGUAGES

English
Advanced

Spanish
Basic

Portuguese
Native