Felipe Gonçalves Denardo

Senior Backend Engineer

(41) 99775-3034 - E-mail - LinkedIn - GitHub

Professional Summary

Senior Backend Engineer with over 8 years of experience building distributed systems and microservices architectures. Specialist in Golang and Java, with a focus on high availability and resilience. Extensive experience applying Clean Architecture principles, prioritizing the decoupling of business logic and infrastructure independence to ensure highly testable and maintainable systems. Complementary frontend experience, ensuring seamless end-to-end integrations.

Technical Highlights

- Performance & Optimization: Proven track record of resolving critical bottlenecks, achieving up to 80% reduction in API response times. Expert in query tuning, strategic Redis caching, and payload optimization via DTOs, ensuring high data-traffic efficiency.
- Event-Driven Architecture: Design and implementation of messaging systems using RabbitMQ for asynchronous processing and service decoupling.
- Product Vision: Strategic collaboration with stakeholders to translate business requirements into robust, scalable, and maintainable technical architectures.

Technical Skills

Backend: Golang, Gin Gonic, Java 8+, Spring (Boot, Data, Security), ORM (GORM & Hibernate), Groovy/Grails, JWT, Swagger/OpenAPI, JSF, REST APIs, Microservices, Shared Libraries Development and Hexagonal/Clean Architecture.

Databases & Messaging: PostgreSQL, MySQL, SQL Server, Redis, RabbitMQ, Event-Driven Architecture and JSEND Pattern.

DevOps & Cloud: Docker, Docker Compose Mult-Service AWS (IAM, S3, EC2), Linux and Git.

Core Competencies: Clean Code, SOLID, Strongly Typed Domain, Scrum, Kanban, Data Modeling and Performance Tuning.

Frontend: Vue.js, Angular 2+, TypeScript, JavaScript, PrimeFaces, Bootstrap and Material Design.

Languages: Portuguese (Native), English (Elementary/A2 – Currently studying).

Experiência

Senior Backend Engineer - CWS Platform.
Feb/2020 - Present

- **Architecture & Design:** Technical leadership in **Golang** microservices, applying **Clean Architecture** to isolate the business domain from infrastructure dependencies, significantly increasing test coverage and ecosystem maintainability.

- **Performance Optimization:** Responsible for an **80% reduction in critical API latency** by refactoring inefficient logic, **optimizing MySQL queries** (index analysis and execution plans), and implementing strategic caching with **Redis.**

- **Distributed Systems:** Implemented messaging with **RabbitMQ** for asynchronous processing and event-driven architectures, ensuring production environment scalability.

- **Modernization & Quality:** Led the evolution of legacy systems, reducing technical debt and raising the team's quality bar through **Code Reviews** and technical mentorship.

- **Full Stack Integration:** Developed dynamic interfaces in **Vue.js** and **React**, ensuring seamless integration between frontend layers and Go/Groovy APIs.

- **Stack:** Golang (GORM), Groovy/Grails, PostgreSQL, MySQL, Redis, RabbitMQ, Docker, AWS S3, Vue.js, React.

Mid-Level Full Stack Developer - BRQ Digital Solutions.
Jul/2018 - Feb/2020

- **Unicesumar Client:** Worked on the "Studeo" academic portal, developing high-complexity modules with **Java (Spring Framework)** and **Angular.** Focused on user experience and academic data integrity.

- **Bradesco Client:** Executed evolutionary maintenance of critical financial systems using **Java** and **JSF.** Focused on stability, security, and compliance with banking business rules.

- **Stack:** Java, Spring Boot, Hibernate, Angular, JSF, MySQL, AWS S3.

Junior Full Stack Developer - Velti Tecnologia.

Mar/2018 – May/2018

- **Development & Modernization:** Full Stack role on the "Velti Ponto" system. Responsible for maintaining and implementing new features in legacy code using **Java** and **JSF,** and participated in the initial migration phase to **Angular**.

- **Stack:** Java, Spring, JSF, Angular, MySQL.

Junior Full Stack Developer - MobileSys.

Sep/2016 – Feb/2018

- **Full Stack Development:** Implemented new features and bug fixes for the "TradePRO Promoter" system using **Java (Spring Framework)** and **JSF**.

- **Data & Contributions:** Collaborated on database modeling and query optimization. Implemented complex reports with **Apache POI** and developed modules for field data collection and point-of-sale task execution.

Web Development Intern - BRQ Digital Solutions.

Jun/2016 - Sep/2016

- **Training & Development:** Completed a 3-month intensive Web Development bootcamp, focusing on **Java** and **JavaScript** fundamentals.

- **Technical Scope:** Period dedicated to technical training and ensuring readiness to support enterprise development teams.

Education

B.S. in Information Systems – Unibrasil | 2013 – 2018