

# JARDEL MATIAS

## Senior Software Engineer | Back-end

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### SUMMARY

- Seasoned Software Engineer with +7 years of experience in different industries such as fintechs, virtual assistant, and chatbot industries.
- Main technologies include Node.js, Golang, PostgreSQL, MongoDB, and AWS.
- Currently serving as a Senior Software Engineer at MB Labs, specialized in developing fintech applications.
- Regarding soft skills, usually described by co-workers as a proactive team player who enjoys working collaboratively, with great communication skills. Additionally, referred to as a fast learner with a high level of attention to detail, a strong focus on achieving results, and an ability to actively listen to feedback and implement improvements effectively.
- Notable achievements include reducing by 50% the costs to start and maintain a new chatbot product by contributing to the development of a SaaS chatbot platform, featuring integration with multiple NLP engines and communication channels. This low-code solution significantly reduced operational costs associated with building chatbots while empowering clients to design and deploy chatbots in a fully integrated environment, resulting in a streamlined and user-friendly experience.

### SKILLS

- **Proficient:** Node.js, Nest, Express, OWASP, AppSec, SQL, PostgreSQL, MongoDB, REST, Git, Docker, AWS Services (S3, Lambda, EC2, ECS, RDS, SQS, SNS, Cloud Watch, API Gateway), Serverless architecture, SOLID, Clean code, Software architecture (Clean Arch, Hexagonal, Onion), Agile (Scrum, Kanban), Automated Test (Jest, Cypress), REST, New Relic, Event-Driven Architecture.
- **Intermediate:** Web Sockets, SOAP, Kafka, Bash, Data Warehouse, CDC.
- **Beginner:** DynamoDB, Kubernetes, CI/CD, RabbitMQ, AWS Services (Rekognition, App Config, Step Functions, ElastiCache, DynamoDB Streams), GraphQL, Go.

### WORK EXPERIENCE

**MB LABS** (Campinas, SP – Brazil, Remote)

*Technology consulting company renowned for its expertise in solutions for fintech, retail, and education*

**Senior Software Engineer | Back-end** (09/2022 – Present)

- Reduced by 20% the costs compared to previous systems for generating payment links and billings by contributing to the development of a new digital account integrated into the company reseller app. The solution enabled PIX (instant payment), payment links, bill generation, and integration with internal e-commerce, leveraging a microservice architecture implemented with NestJS, Serverless, AWS, PostgreSQL, and DynamoDB. Initially supported and evolved the legacy financial solution, enhancing the reseller experience with seamless transactions and product sales.
- Designed and implemented a robust digital account solution for PaGol, a fintravel product, integrating event-driven and hexagonal architectures with AWS, Node.js, Nest JS, Serverless Framework and PostgreSQL. This solution allowed customers to earn miles on everyday transactions while ensuring scalability and high performance.

- Reduced by 20% software security bugs by acting as a security champion and conducting AppSec training for developers, promoting secure coding practices and fostering a security-first culture.

#### **IT LEAN** (São Paulo, SP – Brazil, Remote)

*Consulting firm specializing in innovative IT solutions, offering expertise in bodyshop services, fixed-price projects, SharePoint implementations, and Scrum consulting and training*

##### **Software Engineer / Back-end** (10/2020 - 09/2022)

- Reduced by 50% the cost to start a new chatbot product by actively contributing to the development and evolution of LeanBot, a low-code SaaS chatbot platform. The transition from a previously on-premises solution to a SaaS model significantly lowered operational expenses while empowering clients to design and deploy bots in a fully integrated and user-friendly environment, integrating multiple NLP engines and communication channels.
- Increased by 30% the response time of some chatbot projects by optimizing SQL queries and reducing code complexity. Contributed to the creation and maintenance of REST APIs and chatbot projects using Node.js, while mentoring junior developers, conducting technical feasibility analyses, and prioritizing team demands to ensure the successful delivery of high-quality projects.

#### **RSC INNOVATION** (São Paulo, SP – Brazil, Remote)

*A software development company specializing in Web and Mobile Apps, Institutional Websites, E-commerce, and Point-of-Sale (POS) software*

##### **Software Developer / Back-end** (05/2020 - 10/2020)

- Improved by 30% software reliability and maintainability through the implementation of automated tests with Cypress, while developing and integrating payment gateways and custom WordPress plugins to enhance e-commerce functionality.

#### **WAN TECHNOLOGICAL SOLUTIONS** (Juazeiro do Norte, CE – Brazil)

*An IT services company offering infrastructure solutions and software development, including desktop applications and websites*

##### **Software Developer / Back-end** (08/2017 - 05/2020)

- Developed and maintained internal products, including desktop software and APIs, ensuring seamless functionality and providing timely support to improve internal processes and efficiency.
- Designed and implemented websites using WordPress, including the development and customization of plugins to enhance functionality.

### **EDUCATION**

- **Post-Graduation in Information Security** (2017)
  - Unichristus (Brazil)
- **System Analysis and Development** (2016)
  - Faculdade Leão Sampaio (Brazil)

### **LANGUAGES**

- **English:** advanced | fluent | C1
- **Portuguese:** native | advanced | fluent
- **Spanish:** basic communication | fluent reading