

Cleiton Alves Fraga

Software Engineer | Backend Java | Cloud & Microservices

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PROFESSIONAL SUMMARY

Software Engineer with 7+ years of experience building backend and full-stack solutions for banking, payments and public-sector systems. Strong foundation in Java, Spring Boot, microservices, APIs and distributed systems, with hands-on experience in AWS, RabbitMQ, Aurora PostgreSQL, DynamoDB, SQS, Step Functions, Lambda, C#/.NET, Angular and React. Experienced in migrating SaaS-dependent flows to microservices, improving message-processing reliability and delivering scalable business-critical services.

TECHNICAL SKILLS

Backend: Java, Spring Boot, Spring ecosystem, REST APIs, microservices, JPA/Hibernate, C#, .NET Core, .NET Framework, Python.

Cloud and DevOps: AWS ECS, AWS API Gateway, AWS Lambda, AWS Step Functions, DynamoDB, SQS, CI/CD pipelines, continuous delivery.

Databases and Messaging: Aurora PostgreSQL, PostgreSQL, Oracle DB, SQL Server, RabbitMQ, SQL, NoSQL.

Frontend: Angular, React, JSP, JSF.

Engineering Practices: Distributed systems, scalability, reliability, maintainability, agile delivery, software architecture, AI-assisted development (Claude, GitHub Copilot).

PROFESSIONAL EXPERIENCE

Zup Innovation | Software Engineer | São Paulo, Brazil | Sep 2025 - Present

- Contribute to scalable, business-critical solutions for the corporate segment of one of Brazil's largest private banking groups.
- Build and maintain backend services with Java and Spring Boot while supporting frontend delivery with Angular in a microservices environment.
- Leverage AI tools (Claude, GitHub Copilot) across the development workflow — from requirement analysis and code generation to debugging, testing and documentation — accelerating delivery while maintaining code quality.
- Implemented an endpoint that orchestrates external services for receipt generation and Base64 document delivery, ensuring reliable validations and responses.
- Integrated the new flow through AWS API Gateway and the Caronte architecture to support secure, scalable communication.

Technologies: Java, Spring Boot, Aurora PostgreSQL, AWS ECS, AWS API Gateway, Angular, Claude, GitHub Copilot.

BTG Pactual | Software Engineer | São Paulo, Brazil | Jan 2022 - Sep 2025

- Developed robust solutions for the Fixed Income area with focus on scalability, reliability and maintainability.
- Migrated a SaaS-dependent ecosystem to microservices, reducing processing time in key fixed-income flows.
- Redesigned message collection and delay handling, improving operational reliability across distributed flows.
- Implemented a payment validation workflow with Python and AWS services, reducing manual effort and processing time.

Technologies: Java, Spring Boot, Aurora PostgreSQL, RabbitMQ, AWS Lambda, AWS Step Functions, DynamoDB, SQS.

Stefanini Brasil | Software Engineer | Aracaju, Brazil | Nov 2020 - Jan 2022

- Delivered high-impact features for Banco do Estado de Sergipe in credit systems and digital channels.
- Migrated a contract amendment service to the microservices ecosystem, reducing contract processing time.
- Worked with C#, .NET Core, .NET Framework and Oracle DB to support backend services in banking workflows.

Technologies: C#, .NET Core, .NET Framework, Oracle DB.

GetInfo Soluções Corporativas | Software Engineer | Aracaju, Brazil | May 2019 - Nov 2020

- Delivered backend and frontend features for Banco do Estado de Sergipe, contributing to digital banking initiatives in the credit area.
- Worked in a microservices environment and collaborated closely in agile ceremonies and continuous delivery routines.

Technologies: C#, .NET Core, .NET Framework, React, Oracle DB.

GetInfo Soluções Corporativas | Software Engineer | Aracaju, Brazil | Sep 2018 - May 2019

- Contributed to a startup focused on payment solutions for small and micro-entrepreneurs.
- Structured the receivables anticipation module, helping expand the platform's financial capabilities.

Technologies: C#, .NET Core, Angular, React, SQL Server.

Secretaria da Fazenda de Sergipe | Trainee | Aracaju, Brazil | Jul 2018 - Sep 2018

- Created new features and maintained applications using Java-based web technologies in the public sector.

Technologies: Java, JSP, JSF.

EDUCATION AND LANGUAGES

Bachelor's Degree in Information Systems | Aracaju, Sergipe, Brazil | Feb 2013 - Jun 2018

Languages: Portuguese, English