# IAN VIEIRA SALGADO

Senior Java Software Engineer

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## Summary

I’m **Ian Vieira Salgado**, a 33-year-old **Senior Software Engineer**. I’m **based in Brasília**, the heart of Brazil’s Federal District. With over 14 years in the IT industry and **6 years as a professional software developer**, I’ve had the privilege of solving complex challenges and contributing to remarkable projects, working with globally recognized financial giants such as **Santander, Banco do Brasil, Prudential, Mapfre, and B3 Stock Exchange**, where I played roles inshaping critical **financial systems, credit scoring and insurance projects**.

My skill set includes a range of tools and frameworks such as **Java Quarkus and Springboot**, **Automation** and **Data Processing** with **Python**, Cloud **AWS Services** (Lambda, MSK, SQS, SNS), Google Cloud Platform, Docker, Containers, Kubernetes, CI/CD, unit testing(junit, mockito) and also i`ve been enthusiastically exploring **GenAi** (Generative Ai) solutions with frameworks like **Langchain and Langgraph** for **Python**.

I thrive on transforming complex problems into elegant solutions, bringing dedication and innovation to every project I undertake. I am open for **remote job roles** that i can find **growth** to become the **best professional version** possible.

## Professional Engineer Experiences

### Accenture Brasil 2021 to 2025

Senior Software Engineer

I have the objective to drive innovation and technical excellence by leading back-end teams in the development of Cloud Native Microservices for top-tier clients in the financial ecosystem, including Santander, Mapfre, BVS, Prudential, and B3 Stock Exchange.

1. **Team Leadership**: Directed and **mentored back-end teams**, fostering collaboration to deliver high-quality software solutions.
2. **Microservices Development**: Designed, developed, and maintained robust microservices **Java**, Versions 11 and 17, with **Springboot** and **Quarkus**, adhering to best practices in software engineering, like implementing **Hexagonal** or **Clean Architecture**, **code reviewing** and assuring **design patterns** and **optimized code** aswell as automation of processes and data processing with **Python**.
3. I was responsible for **maintaining and optimizing** the Prudential Online System, which **handles tens of thousands** of daily accesses. I contributed to the **development of new features** for the Santander Credit Online Platform, **serving millions of users**. Additionally, **I led teams in the migration of legacy technology (As400) to a modern cloud-native architecture** for Boa Vista Equifax, a major credit scoring company in Brazil.
4. **Cloud Architecture**: Architected and implemented scalable cloud-native solutions leveraging **AWS services** such as MSK, RDS, and **Lambda** to power **event-driven architecture** and also **Google Cloud Platform** integrating systems with AlloyDb, Cloud SQL and Big Query.
5. **Continuous Integration & Deployment**: Containerized applications using **Docker**, orchestrated deployments with **Kubernetes**, **Jenkins**, **Gitlab**, **AWS CodeBuild/CodeDeploy** and other CI/CD pipelines.
6. **Legacy System Integration**: Transitioned legacy systems to modern, scalable cloud-native environments, enabling enhanced performance and user scalability.
7. **Quality Assurance**: Ensured high standards of code quality through rigorous unit testing, implementation of design patterns, and rapid bug resolution, aswell as adhering to **security pipelines**.

### Banco do Brasil (Banking) 2020 to 2021

Software Engineer (Fullstack)

As a consulting Software Engineer for Getronics Latam working with Banco do Brasil i contributed to the modernization the process for non-personal credit card requests and delivery, developing the software structures required to empower this service. Collaborated with an Agile startup-style team to deliver fast, client-focused solutions for cashback processing, sales, and partnership management.

1. **Designed and implemented cloud-native software** that seamlessly integrates with legacy banking systems, ensuring compatibility and performance, adding features to the Online Banking (Web and Mobile) platform wich has over **20 million customers**, aswell as internal admins and partners.
2. Developed back-end solutions using **Node.js** and **Java** (version 11), building microservices, event buses, event consumers and integrations to third party and legacy systems.
3. Built Front-End **Single Page Applications** optmized by the UX/UI team with **Angular** Framework integrating it with apis and the bank platform.
4. Built software solutions that bridged on-premise systems and **AWS Cloud Services**, enabling secure and efficient integration of banking services with new applications.
5. Employed Test-Driven Development (**TDD**) principles to ensure high-quality code with comprehensive test coverage and maintainable architecture.
6. Dockerized applications and managed containerized environments using Kubernetes, streamlining deployment and scalability.
7. Fostered an Agile workflow, collaborating closely with team members and stakeholders to deliver value-driven features rapidly and effectively.

### Caixa Federal (Banking) 2019 to 2020

Software Engineer (Fullstack)

As a consulting Software Engineer for Cast Group in the Caixa Federal project i integrated a software development squad focused on creating tools for auditing processes within the bank's infrastructure.

1. Actively participated in the entire software development lifecycle, transforming client requirements into functional solutions. Developing internal **auditing systems** used by **hundreds of capacitated employees to ensure policy and compliance inside the bank**.
2. Developed and maintained static front-end interfaces using **Angular**, ensuring intuitive and user-friendly designs.
3. Designed and implemented back-end services using **Java EE**, delivering robust and scalable solutions tailored to the system needs.
4. Integrated front-end applications with back-end systems, ensuring seamless communication and optimized performance.
5. Collaborated with cross-functional teams to develop tools that enhanced the efficiency and accuracy of auditing processes.
6. Contributed to the digital transformation of auditing workflows, aligning with organizational standards and compliance requirements.

## Education & Certifications

I have attended for 4 years of superior college education for IT at **Instituto Federal De Ciencia e Tecnologia do Pará - Campus Belém. (2012 - 2016)**

**I** am also **Certified in Cybersecurity by ISC2 (2023)** and **AWS AI Practitioner Certified (2025)** andpresently working on the **AWS Solutions Architect Associate** Certification and more.

## Languages

**Brazillian Portuguese** (Native Speaker), **English** (**Fluent** - C2), **Chinese** (Beginner - A1)