Jesse H N Batista

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WORK EXPERIENCE

State Court of Paraiba (2014 – Current)

Software Architect (April/2014 – Jan/2019; Dec/2023 – Current)
Architect and developer on new, maintenance and upgrading systems, specially for troubleshoot analysis and fixing performance issues, and main reviewer for pull requests. The main challenges are developing core services and connecting to third-party and partners APIs.

Tech Leader (February/2019 – November/2023)
Architect and developer on new, maintenance and upgrading systems. Management of demands among the team. Definitions of standards and architectural solutions for internal demands and with the software factory (external). Small team management activities, such as mentoring, feedbacks and training.

Ada Tech (2020 - Current)

Contractor Java Coordinator (April/2021 – Current)
Leads a global team of over 50 instructors in training programs covering Java, Project Management, Agile methodologies, and Artificial Intelligence.
Conducts technical challenges, interviews, and mentoring; develops training curricula and student exams to ensure quality learning.
Covers a broad range of topics including Java, Spring, Quarkus, Docker, Kubernetes, AWS, software architecture, system design, data processing, application security, strategic/product management, agile methodologies, digital transformation, AI, machine learning, LLM, GPT, and automation.
Collaborates with clients such as Uber, Mercado Livre, iFood, B3, Santander, Caixa, Banco do Brasil, BTG, Cielo, Nuclea, Sinqia, and Totvs to define project formats, content, and objectives.

Product Owner (April/2022 – April/2024)
Managed the projects of an ERP, a LMS and a SaaS skill development and people analytics platform.
Collaborated with stakeholders to gather and prioritize requirements, incorporating feedback to refine the product direction.
Defined and communicated the product vision to align the team with long-term goals.

Codegym (Ukraine, February to November/2022)

Java Teacher
Teaching Java to new developers in an international school. It was four groups in total from worldwide. The classes were in English on Zoom. The syllabus included java fundamentals (types, variables, conditional and loop structures), arrays, OOP (classes, objects, inheritance, polymorphism), date, input-output, collections, streams and Git. It also included extra topics for the final project as Swing, Java FX and cryptograhy.

ITIX Technology/Unimed Health Insurance (January/2021 – April/2021)

Consulting Senior Software Engineer
Part-time contract as Senior Software Engineer. Designing a new solution of a national wide health insurance product. I leaded a team of three other senior developers migrating a JBoss EJB own-framework based design to a totally new SpringBoot architecture. The time to develop a task issue

decreased from three days to 4 hours. Also, I setted up the build and deploy environment using Azure Devops and AWS, although no previous experience.

Phoebus Technology (August/2019 – July/2020)

Consulting Software Engineer
Part-time contract as Software Engineer. I mentored the junior engineers on their tasks and developed QA improvements and new projects on payment solutions. The main achievements were the improvement in 10 times of configuration update on smart-POS; code quality increased by 30% (using SonarQube), and the first project using Kotlin-MongoDB.

State Public Ministry of Rio Grande do Norte (2011-2014)

IT Assistant
Assisting the State Prosecutors as a specialist in image processing for digital forensics, supported the legal process with data analysis of evidence or answering the legal CSI on the case.
Represented the State Public Ministry in national meetings to discuss collaborative work as the network against cybercrime, pedophilia, and money laundry.
Architected and planned two awarded software solutions for the fight against organized crime.

EDUCATION

- **Master's degree** at the Federal University of Rio Grande do Norte (UFRN) – Brazil, Electrical and Computer Engineering Department, Emphasis in Technological Innovation in Healthcare – concluded in 2012
- **System Analysis and Development degree** at the Federal Institute of Education, Science, and Technology of Rio Grande do Norte (IFRN) – Brazil – concluded in 2008.
  Awarded with *Summa cum laude.*

TECHNOLOGY SKILLS

Java (1.6 to 21), Spring Boot 2.x and 3.x (Web, Data, Security, Cloud), Maven, Gradle, Keycloak, Kafka, RabbitMQ, Tomcat, JBoss, Hibernate, JPA, JUnit, Mockito, Javascript, Typescript, Angular, HTML, CSS, REST, SOAP, SQL, Oracle, Postgres, MySQL, Mongo, Redis, Git, Docker, Kubernetes, Jira, Figma, AWS (S3, SNS, SQS, RDS, KMS, IAM), Azure and GCP.

OTHER INTERESTING FACTS

- Speaker and member of Developers Group Grude4J at João Pessoa/Paraiba/Brazil since 2019
- Accepted by MIT as a visiting research scientist and teaching fellow in 2015
- Streaming specialist at Congregation Beth Israel since 2024
- Volunteer and group leader at Willow Chicago Church in 2023
- Volunteer as staff member at Chicago Marathon 2021