

Jesse H N Batista

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I'm a person who is passionate about technology and believes that it should improve people's quality of life. I have more than ten years of experience in developing web applications, teaching, and researching image processing.

TECHNOLOGY SKILLS

Java, Javascript, Typescript, Angular, HTML, XML, JSON, REST, HTTP, SOAP, SQL, Oracle, Postgres, Mongo, MySQL, JUnit, Spring (MVC, Boot, Security, Cloud), Maven, Tomcat, JBoss, Hibernate, JPA, Git, SVN.

WORK EXPERIENCE

Let's Code Academy (2020 - Current)	Professor (September/2020 – Current) Part-time contract as Java Professor, teaching Advanced Java and Java Basics. That course is focused mainly on Spring Framework and best practices like Project Patterns and Clean Code. While the last is an introductory course on the Java platform, but deploying the final project on the cloud.
	Leader of Software Development Team (February/2019 – Current) In the first year, we increased team productivity on 300% by stimulating Daily Scrum and developers rotation among our portfolio projects. This second year, another 500% increase in the last year. This growth was possible by measuring individual productivity based on Gitlab activity and stimulating workshops and guided self-study. Applying a Feedback Canvas-like methodology, we achieved a 30% increase in developers capabilities and 96% approval on social skills and 86% on tech skills.
State Court of Justice of Paraiba (2014 – Current)	Software Architect and QA (April/2014 – January/2019) Standardization of a Restful API, leading to 40% automation API test coverage by the QA team. Reduced the user calls to the Court Helpdesk by 20% by providing (coordinate and executed) the first Court's AI project with a chatbot using Google Dialogflow.
	Consulting Software Engineer (August/2019 – July/2020) 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 crime: http://bit.do/eNa2v and http://bit.do/eNa2G
Federal Institute of Education, Science, and Technology of Rio Grande do Norte (2009-2010)	Professor Professor in technical and undergraduate courses – the technical grade students have between 14 and 17 years old, teaching the disciplines Programming Fundamentals and Introduction to Web Development with Data Access. In undergraduate courses, taught Algorithms and Web Technologies Developed a digital advertising solution for cellphones based on SMS sending. The software was part of a startup project where I was the Scrum Master, advising a team of seven undergrads.

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

Theme: Helping eyes misalignment screening in children using the smartphone camera considering only the 2D displacements. The measures were done only in digital units, i.e., pixels.
- **System Analysis and Development degree** at the Federal Institute of Education, Science, and Technology of Rio Grande do Norte (IFRN) – Brazil – concluded in 2008

OTHER INTERESTING FACTS

- Speaker and member of Developers Group Grude4J – since October 2019.
- Accepted by MIT as a visiting research scientist and teaching fellow in 2015.
- Leader of a small group of men in the church and former leader of teenagers.
- As an amateur runner, I know that every achievement comes with discipline, work, and perseverance to overcome all the obstacles.

CONTACT IN THE USA

Annanda F.M.B. Batista – Relationship: Spouse

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