

Igor Jose Melo

SR FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Senior frontend engineer and team lead with 8+ years of experience delivering high-quality, scalable solutions for dynamic web applications. Led initiatives that improved performance and user experience in high-traffic platforms, driving measurable impact on customer engagement. Recognized for leadership and collaboration in managing cross-functional teams, fostering innovation, and ensuring project success. Passionate about mentoring, enhancing development workflows, and crafting intuitive interfaces. Outside work, I explore emerging tech trends and enjoy spending quality time with family.

TECH STACK

Engineering	JavaScript, React.js, React Native, Angular.js, CSS3, Bootstrap, HTML5, Java, Spring, Microservices, Node.js, Express, APIs, Microservices, Modular Monolith, Event-Driven Design, Clean Architecture, Domain-Driven Design (DDD), PostgreSQL, MySQL, MongoDB, Oracle, Redis, Elasticsearch, Firebase
DevOps & CI/CD	Docker, Docker Compose, GitHub Actions, Jenkins, Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), Sentry, JUnit, Mockito, Cypress, Jest, Postman, Swagger/OpenAPI
Cloud & Infrastructure	AWS (EC2, S3, Lambda, RDS), GCP (Cloud Run, Firestore), Firebase Hosting, Heroku, Netlify, Nginx, PM2, Apache Tomcat, Apache HTTP Server, Linux (Ubuntu), Windows Server, MacOS

EXPERIENCE

Sr Full Stack Developer | Cognyte | Florianópolis, Brazil / Remote

2022 – PRESENT

Currently leading the development of scalable backend and frontend solutions for a global intelligence analytics platform. I work across cross-functional squads to design, implement, and optimize high-impact features using Java, Spring Boot, ReactJS, and PostgreSQL, enabling real-time data insights for security and operations teams worldwide.

- **Full-Stack Development:** Designed and implemented features for an investigative analytics platform, leveraging Java and ReactJS to deliver high-performance, user-centric solutions.
- **Data Integration and Visualization:** Developed scalable data visualization tools, enabling clients to analyze and interpret large data sets efficiently, improving decision-making accuracy.
- **Performance Optimization:** Refactored critical application components, reducing processing times by 25% and improving system stability under high data loads.
- **Cross-Team Collaboration:** Worked closely with data scientists, UX/UI teams, and stakeholders to align technical deliverables with client requirements, ensuring high adoption rates.
- **Reporting Solutions:** Designed and customized dynamic reports using JasperReports and Apache Velocity, meeting diverse client reporting needs across global markets.
- **Technologies:** Java 8, Lombok, Spring/Spring Boot, ReactJS, Maven, JUnit, Mockito, Docker, PostgreSQL, Linux, Git/GitLab, JasperReports, Apache Velocity.
- **2x Hackathon Winner:**
 - **Project 1 (2022):** Led the team to develop a POC that evolved into a flexible report builder, which allowed the users to dynamically create new reports and decrease the time to build the old reports in half.
 - **Project 2 (2023):** Leading the Brazilian team and working with Israeli coworkers, we create an AI-powered assistant that integrates with our solutions to provide conversational data insights. The initiative was adopted globally as a new product line.

Front end Developer | Konviva Edtech | Florianópolis, Brazil / Remote

2019 – 2022

Konviva EdTech specializes in delivering innovative solutions for the education sector, focusing on scalable and customizable platforms that enhance the learning experience. The company serves diverse clients, tailoring its offerings to meet specific educational needs.

- **Customized Frontend Solutions:** Developed tailored user interfaces based on detailed prototypes, ensuring seamless alignment with client-specific business rules and enhancing overall user satisfaction.
- **Theme Management:** Implemented and maintained a version control system for customer themes, streamlining updates and ensuring consistency across client platforms.
- **Legacy System Maintenance:** Provided ongoing support and enhancements for legacy themes, addressing client needs while preserving system stability.
- **Cross-Functional Collaboration:** Worked closely with designers and backend teams to deliver cohesive, high-quality solutions that improved platform usability and client retention.
- **Technologies:** React, JavaScript/TypeScript, Redux, Node.js, AngularJS, Java, Spring, Bootstrap, Sass

Full Stack Developer | Animati netPACS | Florianópolis, Brazil

2016 – 2019

Animati specializes in developing advanced healthcare solutions, focusing on web platforms that enable efficient visualization, manipulation of radiological images, and report generation. The company serves medical professionals and institutions, streamlining workflows and improving diagnostic accuracy through innovative technologies.

Contributions and Successes

- **Web Platform Development:** Played a key role in designing and implementing features for a radiology-focused web platform, ensuring seamless image visualization and report generation for medical professionals.
- **Team Management and Collaboration:** Assisted in managing the development team using the SCRUM methodology, promoting agile practices to enhance productivity and collaboration.
- **Version Control and Product Management:** Managed version control for the company’s main product, ensuring smooth releases and maintaining software quality across multiple iterations.
- **Database Administration:** Monitored and maintained client databases, ensuring data integrity and system reliability for critical healthcare applications.
- **Strategic Decision-Making:** Contributed to product planning and decision-making, aligning technical deliverables with market needs and client expectations.
- **Technologies:** Java, PostgreSQL, Spring MVC, JavaScript, jQuery, HTML, CSS, Docker, Jenkins.

EDUCATION

Software Architecture and AI Solution Postgraduate Degree XP Education Remote	2025 – 2026
Full Stack Development MBA XP Education Remote	2020 – 2021
CS Bachelor's Degree FEAN Florianópolis, Brazil	2014 – 2017