

LUCAS BUENO CESARIO

Full Stack Developer | Backend Specialist | Spring Framework | React

Location: Araruama, Rio de Janeiro, Brazil

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PROFESSIONAL SUMMARY

Full Stack Developer with over 5 years of experience building high-performance applications using Java Spring and React ecosystems. Specialized in designing and implementing microservices and monolithic architectures with expertise in SQL/NoSQL databases. Significant experience in system maintenance, acting as "firefighter of the week" in rotation schemes to ensure critical systems stability. Proven track record in financial systems, agribusiness solutions, and public safety applications, always striving to produce clean code following SOLID principles. Currently developing academic research on polyglot persistence architectures while completing Computer Science degree.

TECHNICAL SKILLS

Programming Languages:

Java, JavaScript, TypeScript, Python, PHP, SQL, PL/SQL, HTML5, CSS3

Backend Frameworks and Libraries:

Spring Boot, Spring MVC, Spring Security, Spring Framework, Hibernate, JPA, JDBC, jOOQ, Node.js, Laravel, Maven

Frontend Frameworks and Libraries:

React.js, React Native, React Hooks, Redux, Angular, Ionic, Bootstrap, Webpack, Leaflet

Databases:

PostgreSQL, MySQL, MongoDB, Oracle Database, Elasticsearch, Data Lake, ETL, Data Pipeline

Cloud and DevOps:

AWS (EC2, S3, RDS), Docker, Kubernetes, GitLab CI/CD, Jenkins, ArgoCD, Git, GitHub, SVN, Linux

Architecture and APIs:

Microservices, Monolithic Architecture, RESTful APIs, API Gateway, Swagger, Apigee, JWT, Keycloak, LDAP, RabbitMQ

Tools and Testing:

JUnit, Jest, React Testing Library (RTL), Selenium, TDD, SonarQube, Grafana, Postman, Insomnia, Rapid7

Data and Analytics:

Apache Airflow, Apache Spark, Python for Data Analysis, Machine Learning, Data Modeling, Query Optimization

Methodologies:

Agile, Scrum, Kanban, OOP, SOLID, Clean Code, TDD, Sprint Planning, Jira

SOFT SKILLS

- **Problem Solving:** Advanced - Proven experience as "firefighter of the week" resolving critical production incidents
- **Adaptability:** Advanced - Effective transition between different technologies and business domains
- **Analytical Skills:** Advanced - Strong ability to analyze complex systems and identify optimized solutions
- **Quick Learning:** Advanced - Track record of quickly mastering new technologies and frameworks
- **Teamwork:** Advanced - Effective collaboration in multidisciplinary teams using agile methodologies
- **Results-Oriented:** Advanced - Consistent delivery of projects on time with high quality
- **Customer Focus:** Advanced - Development of solutions aligned with business needs
- **Organization:** Advanced - Efficient management of multiple tasks and priorities
- **Solidarity:** Advanced - Proactive mentoring and support to team colleagues
- **Communication:** Intermediate - Clear communication in technical documentation and team meetings
- **Time Management:** Intermediate - Effective balance between development, support, and studies
- **Emotional Intelligence:** Intermediate - Adequate management of pressure situations and tight deadlines
- **Flexibility:** Intermediate - Adaptation to requirement changes and priorities
- **Critical Thinking:** Ability to evaluate solutions and make well-founded technical decisions
- **Proactivity:** Initiative to identify and solve problems before they become critical

PROFESSIONAL EXPERIENCE

Full Stack Developer

Luizalabs (Magazine Luiza)

São Paulo, São Paulo, Brazil

July 2024 - April 2025 (10 months)

- Developed and maintained financial microservices using Java Spring Boot and Spring MVC, implementing secure authentication with JWT and Keycloak, successfully processing millions of daily transactions with 99.9% availability
- Created user interfaces with React and TypeScript for payment declaration forms for CPF, CNPJ and other tax entities, ensuring data validation and smooth user experience
- Acted as "firefighter of the week" in rotation system, responsible for resolving N3 support cards and fixing critical production bugs, ensuring rapid incident response
- Achieved 100% code coverage through comprehensive testing methodologies with JUnit and Jest, maintaining high quality standards with SonarQube integration and Clean Code practices
- Actively participated in daily Scrum ceremonies including sprint planning, daily stand-ups, and retrospectives
- Built and integrated RESTful APIs with Apigee and API Gateway for efficient service communication, creating comprehensive documentation with Swagger
- Developed and executed critical data pipeline maintenance using Python, Apache Spark, and Apache Airflow DAGs, successfully managing a key data lake repopulation project (ReproOebs) that processed million-dollar invoices from Oracle EBS, executing routines to ensure data consistency
- Technology stack: Java, Spring Boot, Spring MVC, Hibernate, Oracle DB, React, TypeScript, JavaScript, Jest, JWT, Keycloak, RESTful APIs, Microservices, Docker, Kubernetes, ArgoCD, Grafana, Apache Airflow, Python, Apigee

Full Stack Developer

PariPassu

Florianópolis, Santa Catarina, Brazil

August 2022 - April 2024 (1 year and 9 months)

- Architected and developed CLICQ, a monolithic food quality inspection system serving the entire food chain from producers to retail, creating highly customizable forms for specific business needs using Spring Boot backend and React/Redux frontend with TypeScript
- Participated in rotation system as "firefighter of the week", focusing on bug prevention and fixes, while providing technical assistance to N2 support team, using Grafana for metrics monitoring and proactive problem identification
- Built and deployed a machine learning-based churn prediction tool using Python and data science libraries, accessible through a Discord bot, reducing customer churn by 18%
- Designed and maintained responsive interfaces with React.js and automated testing with Jest (90% coverage), while maintaining legacy interfaces built with JavaScript, Angular and

Ionic framework

- Utilized AWS services (EC2, S3, RDS) to deploy and scale application infrastructure
- Applied Agile methodologies with daily stand-ups, sprint planning and retrospectives, using Jira for task management and progress tracking
- Technology stack: Java, Spring Boot, React, Redux, TypeScript, JavaScript, PostgreSQL, AWS, React Native, Angular, Ionic, Jenkins, Machine Learning, Jira, JWT, Rapid7, Jest, jOOQ, Python, REST APIs, Grafana

Full Stack Developer

Public Security Department

Florianópolis, Santa Catarina, Brazil

October 2020 - July 2022 (1 year and 10 months)

- Developed Progressive Web Application (PWA) Bem-Te-Vi App using React and Leaflet, creating an interactive map visualization of Santa Catarina with nearly five thousand security cameras, featuring live viewing and historical recording download capabilities for state police officers
- Maintained and enhanced legacy security information systems (Bem-Te-Vi and BRAVO) in PHP with access control using LDAP for corporate authentication
- Gained knowledge of Java code in BRAVO system, used to recognize license plates in monitoring camera photos
- Integrated Elasticsearch for efficient full-text search capabilities in BRAVO system database
- Implemented RabbitMQ message queue system for asynchronous SMS processing of incident reports from live occurrences of license plates monitored by BRAVO system
- Helped a coworker in a personal project to automate Facebook messaging using Selenium
- Technology stack: PHP, Laravel, React, JavaScript, Leaflet, PostgreSQL, Elasticsearch, RabbitMQ, LDAP, Selenium, REST APIs, Git, PWA

Junior Full Stack Developer

Canal Telecom

São José, Santa Catarina, Brazil

February 2018 - November 2018 (10 months)

- Developed dynamic database report interfaces with PHP, JavaScript, HTML and CSS, improving data visualization for managerial decision-making
- Implemented automated tariff calculations using SQL triggers in PostgreSQL database, reducing invoice processing time by 60%
- Enhanced web backup system with automated scheduling and monitoring features
- Participated in NoSQL migration project, successfully converting main Calls table from SQL to MongoDB
- Used SVN for code version control and team collaboration

- Technology stack: PHP, PostgreSQL, MySQL, MongoDB, HTML/CSS, JavaScript, Linux, Zend, Asterisk, SVN, SQL, Triggers, Query Optimization

EDUCATION

Bachelor's Degree in Computer Science

Federal University of Santa Catarina (UFSC)

January 2011 - December 2025

- Relevant coursework: Database Architecture, Object-Oriented Programming, Theory of Computation, Software Development, Java Programming
- Current research: Development and implementation of polyglot persistence architectures for distributed systems
- Academic project: "Polyglot Import CSV" - Tool to import columns from CSV files to various database types, allowing column selection and entity/relationship composition through JSON configuration files

PROFESSIONAL CERTIFICATIONS

- **Professional, Emotional and Technological Skills for Changing Times** - PUC/RS (2023)
- **DEVinHouse Full Stack Developer - React and Java** - SENAI/SC (900 hours) - 2022
 - Frontend (300h): HTML5, CSS3, Bootstrap, JavaScript, React, React Router, Hooks, Redux, Jest, RTL, Responsive Design
 - Backend (300h): Java, OOP, Spring Boot, Spring MVC, Spring Security, JPA/Hibernate, SQL, TDD, JUnit
 - Fullstack (300h): Docker, CI/CD, AWS, RabbitMQ, Agile Methodologies, Continuous Integration, REST APIs, JWT Authentication

LANGUAGES

- **Portuguese:** Native
- **English:** Advanced - Fluent reading, writing and conversation
- **Spanish:** Intermediate - Good reading comprehension and basic conversation