Cassio Figueiredo

Full-Stack Developer

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Summary

Bachelor of Computer Science with approximately four years of professional experience in full-stack development, specializing in backend solutions. Possesses a strong background in leading projects, optimizing workflows, and mentoring teams, utilizing agile methodologies. Skilled in code review processes to ensure high-quality, maintainable code. Passionate about delivering impactful solutions and continuously enhancing expertise.

Work Experience

Java Developer – INFOX | Feb. 2024 - April 2025 (Brazil)

- Responsible for the maintenance and evolution of Infox BPM and Infox eCP, business process management (BPM) solutions that enable the modeling and automation of business processes.
- Developed backend solutions using Java 8, Criteria, Hibernate, JPA, and Jboss.
- Managed and maintained databases using Liquibase, PostgreSQL, and SQLServer.
- Provided customer support and resolved technical issues for TCE-PE, TCM-PA, TCM-BA, and CFM, ensuring high customer satisfaction and operational efficiency.

IT Developer – Tiradentes Group | Nov. 2021 - Jan. 2024 (Brazil)

- Developed backend solutions using the Node.js, Express, TypeScript, PostgreSQL, and Redis stack, focusing on performance, scalability, and maintainability.
- Designed and implemented new web applications using React, delivering user-friendly interfaces and responsive components.
- Applied SOLID principles, Clean Architecture, and design patterns to ensure clean, testable, and scalable codebases.
- Participated in the integration of payment systems, ensuring secure and reliable transaction processing.
- Utilized Google Cloud Platform (GCP) to deploy applications.
- Led a team of interns in the development of a new system, coordinating tasks, reviewing code, and ensuring on-time delivery. This initiative reduced development time by 40% and significantly boosted team performance.

Data Analytics Intern – Tiradentes Group | May 2021 - Oct. 2021 (Brazil)

- Developed Power BI dashboards for senior management, automating Excel-based reports and saving 10+ hours per week of manual work.
- Utilization of ETL processes with Python and Pentaho.
- Data analysis with PySpark.
- Created and optimized complex SQL queries to process datasets with over 1 million records.
- Managed the corporate data warehouse using Oracle Database, ensuring data integrity, performance, and scalability for analytical operations.
- Collaborated on a feature that allows university students to track academic progress, benefiting over 2,000 students.

Education

Web Developer Co-op Diploma | Apr. 2025 - Present
Tamwood Careers College, Vancouver, BC

Computer Science Bachelor's degree | Jan. 2019 - July 2023
Tiradentes University, Aracaju, Brazil

Skills

- **Thecnical skills**: Node.js, Javascript, Typescript, React, React Native, Prisma, NestJs, Java, Spring Framework, Jboss, Hibernate, Liquibase, SQL, Oracle, PostgreSQL, SQLServer, Redis, Git, Gitlab, Jenkins, Maven, HTML/CSS, Linux, Windows, Eclipse, InteliJ, VS Code, PowerBI, Python.
- **Other skills**: Problem Solving, Collaboration, Adaptability, Proactivity, Critical Thinking, Attention to Detail, Leadership.

Languages

English - Intermediate
Portuguese - Native