

Flávio Alexandre Orrico Severiano

✉ flavioalexandrework@gmail.com ☎ +55(84) 98706-0910 in LinkedIn GitHub Portfolio

Experience

Junior Web Developer

Natal, RN

Leading Advanced Technologies Center of Excellence (LANCE)

November 2025 – Present

- Contribute to building backend modules using **Java** and **Spring Boot**, following a **Modular Monolith** architecture to ensure scalability and code organization.
- Implement responsive and modern user interfaces with **ReactJS**, **TypeScript**, and **Tailwind CSS**, focusing on design fidelity and user experience.
- Use **Git** for version control and **Docker** for containerization, collaborating on the execution and maintenance of automation pipelines (**CI/CD**) on **GitLab**.
- Ensure delivery reliability by writing automated tests with **JUnit**, **Mockito**, **JaCoCo**, **Jest**, and **Cypress**, guaranteeing the stability of implemented features.
- Collaborate with the team following **Agile Scrum** methodology, applying design patterns and best practices during **Code Reviews** and **Pull Requests**.

Junior Web Developer

Natal, RN

Senac RN

August 2024 – November 2025

- Developed scalable **RESTful APIs** with **Java** and **Spring Boot**, integrating **predictive AI** models to identify students at risk of dropout and enable pedagogical intervention.
- Implemented **analytical dashboards** and responsive interfaces with **ReactJS**, **TypeScript**, and **Tailwind CSS**, allowing strategic data visualization by the pedagogical team.
- Automated the delivery cycle by configuring **CI/CD** pipelines with **GitHub Actions** and **Docker** containers, speeding up deploys on on-premise servers with **Nginx**.
- Ensured the stability of critical features by writing automated tests (**E2E** and unit) with **Cypress** and **Jest**, maintaining **code coverage above 85%**.
- Followed **Agile Scrum** methodology in collaboration with the team, producing **technical documentation** that allowed standardizing and replicating the system for **national** distribution.

Education

Federal University of Rio Grande do Norte (UFRN)

June 2028 (Expected)

Bachelor of Information Technology

Senac Rio Grande do Norte (Senac RN)

February 2023 – August 2024

Technician in Systems Development

Federal Institute of Rio Grande do Norte (IFRN)

March 2021 – December 2023

Integrated Technical Course in Mining

Skills

Back-end: Java, Spring Boot, PostgreSQL

DevOps: Docker, Git, Nginx, Github Actions

Cloud: AWS (EC2, S3, Lambda, DynamoDB)

Front-end: TypeScript, ReactJS, Tailwind

Testing: JUnit, Mockito, Jest, Cypress

Others: Agile Methodologies (Scrum)