

Daniel Nathan Reis Silva

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SUMMARY

FullStack Software Developer with over 4 years of experience and pursuing a degree in **Computer Science** at the Federal University of Sergipe. I have worked on large-scale projects in the **retail, healthcare, education, and fiscal** sectors, focusing on delivering scalable and secure solutions.

I have solid experience in **web development** (Java, PHP, JavaScript/TypeScript), as well as integration with fiscal systems (NF-e, NFC-e) and ERPs. Proficient in relational databases and modern practices of **DevOps and Cloud** with Docker, CI/CD, and AWS (EC2, ElastiCache, S3, RDS).

EXPERIENCE

Full Stack Developer

Dec. 2024 - Present

- CD2 Retail Tech

Remote

- Developed and maintained new features for store management systems and POS, improving efficiency and usability;
- Integrated ERPs (such as Bluesoft) and tax systems via SOAP and REST APIs, optimizing data flows and reducing processing time;
- Optimized SQL queries, increasing performance of reports and internal processes, significantly reducing generation time;
- Updated web and POS interfaces with **SenchaJS** and **jQuery**, providing a more modern and fluid user experience;
- Performed evolutionary maintenance on SOAP integrations for NF-e and NFC-e, reducing cognitive complexity and improving code quality;
- Technologies: **PHP, jQuery, Oracle, PostgreSQL, SenchaJS, SOAP, REST, JIRA, VueJS**.

Back End Developer

Dec. 2023 - Nov. 2024

- SergipeTec

Remote

- Migrated a Java 8 monolith to a microservices architecture using **Java 17** and **Spring Boot**, ensuring scalability and maintainability;
- Implemented unit and integration tests, and documented APIs with **Swagger**;
- Executed tasks using the **SCRUM** methodology and implemented **CI/CD** pipelines in GitLab;
- Containerized services with **Docker**, simplifying environment deployments;
- Technologies: **Java 17, Spring Boot, Oracle, JUnit, Swagger, Postman, JSF, Docker**.

Full Stack Developer

Jan. 2022 - Dec. 2023

- ZDoc - Document Management Technology

Aracaju, SE

- Maintained legacy ERP with **HTML, CSS, PHP 7** and **jQuery**;
- Migrated ERP to new technologies using **React** and **Laravel** integrated with **Oracle**;
- Managed tasks, versioning, and deployments with **Trello** and **GitLab**;
- Applied TDD for code coverage using the **PHPUnit** library;
- Technologies: **PHP, jQuery, Laravel, MySQL, React, REST, JIRA**.

Full Stack Developer - Pueri Health

Sep. 2021 - Jan. 2022
Aracaju, SE

- Prototyped an **MVP** solution for a startup incubation program;
- Deployed the application to the **Heroku** cloud platform;
- Documented APIs with **Swagger** and implemented unit tests with **JUnit**;
- Technologies: **Java 17**, **Spring Boot**, **Thymeleaf**, **Bootstrap**, **Swagger**, **Heroku**, **PostgreSQL**.

EDUCATION

2021 - 2027	Bachelor's in Computer Science at Federal University of Sergipe (UFS)	Aracaju-SE
2020 - 2022	Continuous Training for Web Programmers at Federal Institute of Paraíba (IFPB)	Pedras de Fogo-PB

SKILLS

- **Programming languages:** Java (Spring Boot, JUnit), PHP (Laravel, PHPUnit), JavaScript, TypeScript, Go, Python, C;
- **Frontend:** React, Angular, SenchaJS, jQuery, Thymeleaf, Bootstrap, HTML, CSS;
- **Backend:** Spring Boot, Django, Laravel, PHP 7, JSF, REST and SOAP APIs;
- **Databases:** PostgreSQL, MySQL, Oracle, with SQL query optimization;
- **DevOps:** Docker, Docker Compose, Git, GitLab CI/CD, Nginx Proxy Manager, Heroku;
- **Integrations:** **Tax systems (NF-e, NFC-e)**, ERPs (Bluesoft, C5), and external services via APIs;

LANGUAGES AND CERTIFICATES

Google Cybersecurity Professional Certificate	Coursera, Jul. 2025
Linux Fundamentals	FIAP, Dec. 2021
TQI Java Developer	DIO, Dez. 2021
English B2 TOEFL ITP	ISF, Nov. 2017

PROJECTS

Hacktoberfest 2021

[Translation on GitHub](#)

Participated in the translation of the book "*Structure and Interpretation of Computer Programs in JavaScript*" from English to Portuguese as part of the open-source community during Hacktoberfest 2021.