

# GUILHERME D. BOIA DE ALBUQUERQUE

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**Languages** Native Portuguese, Fluent English.

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## EXPERIENCE

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### Software Engineer & Project Tech Lead – Grupo Medway

01/2026 – Present

Leading the technical direction of Grupo Medway's study platform, a large-scale web application used daily by over 3,000 active users across seven schools. Responsible for architectural decisions, technical leadership, code reviews, and overall project evolution. Actively drive the company's digital transformation by aligning engineering decisions with business goals, while also managing intern recruitment, conducting technical interviews, and supporting team growth through mentorship and onboarding.

### Software Engineer Junior – Grupo Medway

11/2024 – 12/2025

Contributed to the development of Grupo Medway's study platform from its early stages, taking ownership of core features and internal systems focused on process optimization and operational efficiency. Worked across the full stack, strengthening skills in system architecture, backend and frontend development, and delivering scalable solutions that became essential to students' academic journeys.

### Advisor at Data Structure and Algorithms class

02/2024 - Present

Served as a Teaching Assistant in the Data Structures and Algorithms class, with a primary role in supporting students throughout their academic journey. Actively helped clarify concepts, answer questions, and guide students through simplifying complex topics, fostering a deeper understanding of data structures and algorithms. This experience allowed the development of strong interpersonal and teaching skills. Additionally, participated in the development of a new system for the course.

### Software Engineer Intern - LSI [Campina Grande - PB]

04/2024 - 11/2024

Worked on the Synchro project within the Syn4Me Squad, contributing to the development of tax solutions for large companies. During this experience, deepened knowledge of React, Spring Boot, SQL, AWS, while also enhancing understanding of agile methodologies such as SCRUM. Actively participated in daily stand-ups, issue resolution, and other processes within the software development lifecycle. This experience provided practical insights into the dynamics of agile teams and the day-to-day operations of real-world projects.

### Software Engineer Intern - Phoebus [João Pessoa - PB]

06/2023 - 04/2024

Worked on the development of an innovative technical debt management solution during an internship at Phoebus, collaborating with AYTY-Lab (UFPB). The tool enables development teams to identify, monitor, prioritize and address technical debts that may impact their businesses. During this experience, began a journey in Web Development, using tools such as Spring Boot and MongoDB. This time in Phoebus was essential for professional growth, providing technical learning and the acquisition of teamwork skills.

## EDUCATION

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### Bachelor's Degree in Computer Science - Universidade Federal de Campina Grande

09/2022 - Present

**GPA** 8.92/10

### 1st place in 2022.1 SISU for Computer Science at UFCG

01/2022

## TOOLS AND INTERESTS

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### Tools

React, NodeJS, Docker, AWS, Java, Python, SpringBoot, Git, PostgreSQL, LangGraph AI

### Technical Skills

Web Development, Cloud, Data Structure, AI, RESTful API, Database, Algorithms

### Soft Skills

Leadership, Eagerness to learn and grow, Innovative thinker, Proactive problem solver

### Interests

Products Development, Startups, Innovation, Artificial Intelligence, Competitive Programming