João Victor Borges Nascimento

Email: joaovbn@ic.ufrj.br
Brazilian — 22 years old

Rio de Janeiro, RJ
+55 21 99463-2025
Links:

OBJECTIVE

Grow as a professional in **data engineering and full-stack development**, building end-to-end solutions with AI and driving technological innovation.

EDUCATION

Federal University of Rio de Janeiro (UFRJ) 2023 - present
B.S. in Computer Science currently in 8th semester

ADDITIONAL COURSES

- Design Thinking, UX Strategy and Advanced Figma - Alura (2023)
- React and React Native - EJCM (2024)
- English Teacher's Course - CCAA (2023)

SKILLS

Soft Skills	Commitment, communication, empathy, teamwork, leadership, organization.
Hard Skills	React, Laravel/PHP, Python, SQL, HTML/CSS, Docker, Git, Figma
Data	Streamlit, Grafana, Power BI, Snowflake
AI & Productivity	Prompt Engineering, Claude, Cursor, Gemini

EXPERIENCE

IT Intern - Full-Stack Developer Jan 2026 - present
Destaque Gestão Documental

- Refactored and developed features for a platform used by real researchers: React interfaces integrated with a Laravel/PHP API and a MySQL database, including migrations and adjustments to queries and business rules;
- Standardized the front end globally by building a Design System, along with reusable components and hooks, reducing rework and visual inconsistencies;
- Fixed pagination and navigation bugs and the root cause of an image display bug; work delivered through pull requests reviewed by other developers in a git flow workflow;
- Used generative AI in the development workflow to speed up prototyping, debugging, code review and test writing, always validating and adapting the generated code.

Undergraduate Research Fellow Sep 2025 - present
Decision Support Methods Laboratory — Institute of Mathematics, UFRJ

- Helped build a data pipeline that replicates a corporate ERP data flow (CDC with Debezium and Kafka, ingestion into Apache Iceberg), in partnership with ExxonMobil;
- Developed the initial dashboard in Streamlit, now being migrated to Grafana and Power BI, and study the most relevant metrics for the KPIs, turning technical outputs into indicators accessible to non-technical users;
- Used generative AI to speed up dashboard prototyping, debugging and exploratory data analysis, validating the outputs and adapting the code to the project's needs;
- Project awarded in **Science Communication** at the UFRJ Academic Integration Week 2026, presenting the results to audiences from different fields.

Undergraduate Computer Lab Monitor Apr 2026 - present
Institute of Mathematics, UFRJ

- Contribute to modernizing the Institute of Mathematics' website and provide technical support (software, network and operating systems) to students and professors, including preventive and corrective maintenance of the lab computers.

Undergraduate Research Fellow Apr 2025 - Sep 2025
Molecular Modeling and QSAR Laboratory — Faculty of Pharmacy, UFRJ

- Maintained PostgreSQL databases on Neglected Tropical Diseases and developed a web application with React and Drizzle for accessing and analyzing the data and predictive models.

Front-End Developer, UX/UI Designer, Marketing and HR Mar 2023 - Feb 2025
Empresa Júnior de Consultoria a Microinformática (EJCM)

- Developed responsive interfaces for websites and apps with ReactJS and WordPress, from Figma prototypes.
- Structured and delivered a digital project using SCRUM and Design Thinking, from UX research to the Figma interface, and worked on content marketing and support for the HR department.

TEACHING ASSISTANTSHIPS

Data Structures Teaching Assistant — UFRJ Aug 2024 - Jul 2025
Algorithmic Linear Algebra Teaching Assistant — UFRJ, team lead of assistants in 2026 Aug 2025 - Jul 2026

EXTRACURRICULAR ACTIVITIES

President, Computer Science Student Union (CAInfo) Sep 2024 - Oct 2025

- Elected President, leading the student union and representing the students of the Institute of Computing before the faculty administration and other student organizations.