Lucas Bivar

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Languages: Native Portuguese and Advanced English (C2)

Education

Federal Institute of Paraíba · **February 2020 – March 2025**

Bachelor's in Computer Engineering; GPA - 9.3/10

Experience

TRACTIAN · **April 2024 – February 2025**

Mid-Level Front End Software Engineer

- Improved platform efficiency by implementing modern performance techniques.
- Developed a module that was the company's biggest product transformation with direct impact on customer retention and acquisition, and created a module that allows customers to customize system forms by adding varied fields with complete visual flexibility according to company needs.
- Contributed to delivering value to customers by resolving Client Success channel bugs.
- **Tools**: React, Typescript, Tailwind, Ant Design, Recharts, Tanstack Query

Diel Energia · **September 2022 – March 2024**

Junior Fullstack Software Engineer (March 2023 - March 2024)

Fullstack Software Engineer Intern (September 2022 - February 2023)

- Worked in the product team, designing and developing front-end and back-end of new asset monitoring features for clients.
- Performed refactoring and optimizations on legacy features.
- **Tools**: Typescript, Rust, React, Node.js, Express.js, MariaDB, MongoDB, Amazon Web Services (AWS), MQTT, NestJs, Jest, Grafana

Facebook - Meta · **November 2021 – February 2022**

Mentee in LATAM Tech Mentorship program

- One of 50 students from Latin America selected to be part of Facebook's Tech Mentorship. During this mentorship, I was mentored by a Facebook Engineer on Algorithms and Data Structures commonly used during technical interviews, aiming to improve my engineering capabilities.
- **Tools**: Python, Problem Solving, Algorithms and Data Structures, Algorithm Design

Federal Institute of Paraíba · **August 2020 – January 2022**

Scientific Research Intern

- The research project aimed to develop a Conversational Agent to assist students in the programming learning process according to their knowledge level.
- Developed a Deep Learning chatbot to detect and classify the intent in students' questions, and a web application to host the chatbot.
- Published an article about the Conversational Agent Architecture.
- **Tools**: Tensorflow, Flask, Typescript, Javascript, React.js, Node.js, Express.js, MongoDB

Technical Skills

Tools: JavaScript, Typescript, React, Tailwind, Ant Design, Recharts, Tanstack Query, Express.js, NestJs, DynamoDB, SQL, MariaDB, PostgreSQL, MongoDB, C, C++, Linux, Git, Rust, Python, HTML/CSS, Jest, AWS, Go, Gorm, Gin

Extracurricular

Programming Olympics Project · **September 2021 – January 2022**

Volunteer Instructor · *Federal Institute of Paraíba*

- Prepared IFPB students and partner public school students for programming olympics, teaching Data Structures, Graph Theory, and Programming Techniques.