

Felipe Ma

Software Developer / Computer Engineering Student

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Salvador, Bahia - Brazil

Languages: Portuguese (native), English (advanced).

Experience

Avantsoft | 2024 - Present (Software Developer Intern)

- Back-end development, mainly NestJS.
- Experience with API development, integration with third-party APIs and cloud computing services.
- Use of websockets with socket.io, caching with redis

TITAN | 2023 - 2024 (Development Director)

UFBA's Computer Engineering Junior Enterprise

- Responsible for leading and coordinating projects from the first contact with the client to final delivery;
- Actively participated in all stages of the projects, such as meetings with clients, alignment with design teams, code architecture planning, database modeling, definition of API endpoints and, mainly, front and back end development.

TITAN | 2022 - 2023 (Developer)

UFBA's Computer Engineering Junior Enterprise

- Front-end and back-end development.

Education

UFBA | 2021 - Present

- Bachelor's degree in computer engineering - Federal University of Bahia

Scientific Research

Scientific Initiation | 2022 - 2024

- The research focuses on controlling multiple autonomous drones using approaches based on distributed computing and consensus algorithms. Control of multiple vehicles is carried out through ROS, using C++ and Python, in a simulation and laboratory environment.

Skills

Languages, Frameworks & Libraries

- | | | | |
|-------------------------|--------------|--------------|--------------|
| • Javascript/Typescript | • Express.js | • ROS / ROS2 | • Tailwind |
| • Python | • NestJS | • Prisma | • MaterialUI |
| • Rust | • SQL | • Drizzle | |
| • C | • Axum | • Next.js | |
| • C++ | • Sqlx | • React | |

Tools, Platforms & Other

- Git / Github
- Scrum
- AWS
- Jira