

DANIEL MESQUITA

BACK - END DEVELOPER

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SKILLS

- Typescript / Javascript
- Node.js
- AWS & Google Cloud
- Nest, Express, Koa & Sequelize
- PostgreSQL & MySQL
- Redis & MongoDB
- Docker
- Jest
- Git

LANGUAGES

- Portuguese (Native)
- English (Professional)

EDUCATION

SYSTEM ANALYSIS AND DEVELOPMENT

Estácio de Sá

2023 - PRESENT

SYSTEMS OF INFORMATION (INCOMPLETE)

Universidade Federal de Uberlândia

2021 - 2022

EXPERIENCE

BOMDIA

System to manage civil constructions, engineers and employees

Flowlab | 2023 - Present

- Utilized Agile methodologies to manage project scope, timelines, and delivery, resulting in a high client satisfaction rate.
- Implemented caching strategies using Redis, reducing the number of requests to the database and improving application performance.
- Created and maintained detailed documentation with Swagger, ensuring knowledge transfer and team collaboration.

NITRO PAGES

Platform to help you build your website

Flowlab | 2023

- Improved application safety by implementing OAuth2 social authentication and authorization protocols, reducing security vulnerabilities.
- Integrated third-party services such as Stripe to handle payment processing.

EVEREST

Soil nutrition reporting system for farms.

Flowlab | 2022

- Optimized database queries and indexing, reducing query response times.
- Developed a bug-free server-side PDF report generation using Puppeteer, allowing clients to better understand complex data sets.
- Implemented continuous integration and continuous deployment (CI/CD) processes using Github actions and Turbopack, reducing deployment times by over 80%.

ACELERA

E-learn mobile and web app for agronomists

Flowlab | 2021

- Implemented real-time communication between clients and servers using WebSockets, improving the user experience for clients.
- Integrated with a content management system (CMS) called Strapi to improve the speed and ease of content updates.

MEDFY BACK-END & WEB APP

System to simplify scheduling and finding doctors in the UMC hospital

Flowlab | 2020

- Mentored junior developers, providing guidance and feedback to improve their technical skills and knowledge.
- Integrated with AWS services such as EC2, S3, and SES, resulting in a 20% reduction in infrastructure costs.
- Utilized TDD with Jest library to ensure high code quality and reduce the number of bugs.