

# DANIEL MESQUITA

FULL - STACK DEVELOPER

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## SKILLS

- Javascript, Typescript, Go, Python
- React, Next.js
- React Native, Expo
- React Context API, Redux, Mobx
- HTML, CSS, Sass, Tailwind
- Node.js, RESTful API, GraphQL
- Gin, Fiber, GORM, sqlc
- PostgreSQL, MySQL
- Redis, MongoDB
- Docker, AWS, Google Cloud (GCP)
- Nest, Express, Fastify, Koa
- Prisma, Sequelize, Knex
- Git, Version control
- Jest, React testing library
- Linux

## LANGUAGES

- Portuguese (Native)
- English (Fluent)

## EDUCATION

### SYSTEMS OF INFORMATION

Universidade Federal de Uberlândia  
2021 - PRESENT

## EXPERIENCE

### SENIOR FULL-STACK DEVELOPER I

Flow Lab | 2023 - Present

- Managed projects scope, timeline and delivery by using Agile methodologies, resulting in high client satisfaction.
- Regularly interacted and leaded meetings with customers from various sectors, including doctors, managers, engineers and agronomists.
- Mentored junior developers in Typescript, Golang, React, and Node.js improving their productivity and efficiency.
- Maintained, improved and created Typescript and Go codebases.
- Utilized Amazon SES to send commercial and transactional emails, achieving an efficient and low cost email delivery solution.
- Optimized file storage and retrieval by using Amazon S3 in the system, achieving a scalable and reliable file storage solution.

### FULL-STACK DEVELOPER I, II, III

Flow Lab | 2022 - 2023

- Achieved full test coverage in the [Opinahub web app](#), reducing bugs by using TDD.
- Refactored [Medfy web app](#) from React to Next.js, implementing server-side rendering, improving performance and reducing technical debt.
- Cut [BomDia](#) server costs by 1/4 using Docker and migrating from Heroku to AWS EC2 and Aurora RDS.
- Designed multiple RESTful APIs with detailed documentation using Swagger, ensuring knowledge transfer and team collaboration.
- Provided agronomists with valuable insights using Google Maps API and heat maps in the [Primeagro Everest system](#).
- Reduced API response times by implementing Redis caching strategies.
- Handled payment processing integrating third-party services such as Pagar.me, PagSeguro and Stripe.
- Reduced deployment times by over 80% using CI/CD processes with Github actions and Turbopack.
- Enhanced [PediAqui's mobile app](#) user experience by integrating the client and server for a real-time chat using WebSockets.

### JUNIOR FULL-STACK DEVELOPER I, II, III

Flow Lab | 2020 - 2022

- Developed modern and responsive design using CSS, Sass, Tailwind, Styled components and other styling technologies.
- Developed and deployed comprehensive data analysis dashboards using React, Next.js, D3.js, and Apexcharts libraries.
- Increased visitors number in the [UMC Center website](#) by implementing WCAG 2.1 accessibility guidelines and improving SEO.