

DANIEL MESQUITA

FULL - STACK DEVELOPER



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SKILLS

- Javascript, Typescript, Python, Go
- RESTful API, GraphQL
- Node.js, Nest, Express, Fastify
- Gin, Fiber, GORM, sqlc
- Matplotlib, Pandas, Geopandas
- Prisma, Sequelize, Knex
- Testify, Jest, React testing library
- Postgres, BigQuery, Redis, Mongo
- Git, Github, Gitlab, Version control
- Docker, Kubernetes, Nginx
- AWS, Google Cloud (GCP)
- React, React Native, Next.js, Expo
- React Context API, Redux, Mobx
- HTML, CSS, Sass, Tailwind
- Linux

LANGUAGES

- Portuguese (Native)
- English (Fluent)

EDUCATION

SYSTEMS OF INFORMATION

Estácio de Sá

2021 - PRESENT

EXPERIENCE

FULL-STACK DEVELOPER

Moss Earth | 2023 - Present

- Integrated external APIs (Pipefy, Hubspot, Slack, and Google Docs) to automate processes, enhancing productivity in the environmental, sales, and marketing teams.
- Leveraged microservices and Google Cloud Functions to integrate Typescript, Python, and Go, accelerating development by utilizing the strengths of each language.
- Configured monitoring tools such as New Relic, Sentry, and OpenTelemetry, significantly reducing bug resolution time and customer complaints.
- Reduced costs and response times by caching API calls using Redis, optimizing system efficiency.
- Designed multiple RESTful APIs with detailed documentation using Swagger and Miro, ensuring knowledge transfer and team collaboration.
- Automated map image generation for REDD+ Project Descriptions using Python's Matplotlib and BigQuery, reducing reliance on data and GIS teams.

FULL-STACK DEVELOPER

Flow Lab | 2020 - 2023

- Managed project scope, timeline, and delivery using Agile methodologies, resulting in high client satisfaction.
- Regularly interacted with and led meetings with customers from various sectors, including doctors, managers, engineers, and agronomists.
- Mentored junior developers in Typescript, Python, Golang, React, and Node.js, improving their productivity and efficiency.
- Utilized Amazon SES for sending commercial and transactional emails, achieving efficient and low-cost email delivery.
- Optimized file storage and retrieval using Amazon S3 in the system, achieving a scalable and reliable file storage solution.
- Achieved full test coverage in the Opinahub web app, reducing bugs by using Test-Driven Development (TDD).
- Cut Medfy server costs by one-fourth using Docker and migrating from Heroku to AWS EC2 and Aurora RDS.
- Provided agronomists with valuable insights using Google Maps API and heat maps in the Primeagro Everest system.
- Handled payment processing by 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 the BomDia mobile app user experience by integrating client and server for real-time chat using WebSockets.