

# Daniel Mesquita

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## PROFESSIONAL EXPERIENCE

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### MOSS EARTH

#### Back-end Software Developer

Remote  
2023-Present

- Optimized API efficiency to handle millions of daily requests from companies such as [iFood](#) and [Gol](#) by implementing Redis caching, resulting in a 20% reduction in costs and faster response times.
- Integrated external APIs from Pipefy, Linte, Hubspot, Slack, Google Docs, and Spreadsheets, automating workflows and cutting down weekly work hours across environmental, sales, and marketing departments.
- Leveraged microservices architecture, Google Cloud Functions, and PubSub to integrate Go, Python, and Typescript, reducing development time using language-specific strengths.
- Implemented monitoring tools like New Relic, Sentry, and OpenTelemetry, uncovering critical system bottlenecks and reducing operational costs.
- Designed and developed internal software automating processes such as map generation and species searching by location, reducing the data team workload by one week per carbon project.
- Mentored junior developers in Typescript, Python, Golang, and Node.js, improving their productivity and the development team's efficiency.

### FLOW LAB

#### Full-stack Software Developer

Uberlândia, MG - Brazil  
2020-2023

- Led diverse customer meetings with professionals from various sectors, including doctors, managers, engineers, and agronomists, understanding their problems and finding the best solution.
- Managed Agile-driven projects, ensuring on-time, within-budget deliveries, achieving high client satisfaction.
- Implemented Amazon SES for commercial and transactional emails, achieving an efficient and low-cost email delivery.
- Optimized file storage and retrieval using Amazon S3, achieving a scalable and reliable file storage solution.
- Cut [Medfy UMC](#) server costs by 25%, migrating from Heroku using Docker to AWS EC2 and RDS.
- Designed and documented multiple RESTful APIs using Swagger and Postman, facilitating knowledge transfer and team collaboration efficiency.
- Achieved over 90% test coverage in the [Opinahub](#) backend using Test-Driven Development (TDD) while creating unit and integration tests, reducing bugs, and enhancing app reliability.
- Handled payment processing by integrating third-party services such as Pagar.me and Stripe.
- Reduced deployment times by over 80% using CI/CD processes with GitHub Actions and Docker.

## EDUCATION

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### ESTÁCIO DE SÁ

Bachelor Degree in Computer Science

Uberlândia, MG - Brazil  
2021-Present

## ADDITIONAL INFORMATION

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- **Technologies:** Go (Golang), Python, Typescript, Javascript, Node.js, RESTful API, GraphQL, gRPC, Websockets, Postgres, BigQuery, Redis, MongoDB, AWS, Google Cloud (GCP), PubSub, SNS, Git, Docker, Kubernetes, Nginx, Linux, React, Next.js, HTML, CSS.
- **Technical Skills:** Micro-services, MVC and Hexagonal Architectures, Design patterns, DDD, TDD, Version control, CI/CD, Data structures, Algorithms, Clean code, Unit, and Integration tests.
- **Languages:** Fluent in Portuguese (native speaker) and English; basic proficiency in Spanish.