

# Daniel Mesquita

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## PROFESSIONAL EXPERIENCE

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### SWORD HEALTH

Remote | Porto, Portugal  
2024-Present

#### Back-end Software Developer

- Developed and maintained scalable, high-performance microservices powering a web platform and [mobile app](#) with 100K+ downloads.
- Leveraged Google Cloud Functions, Pub/Sub to develop RESTful and gRPC APIs, optimizing service reliability and enhancing fault tolerance.
- Achieved high test coverage in Sword's APIs through Test-Driven Development (TDD), creating unit and integration tests to reduce bugs and improve backend reliability.
- Enhanced overall code quality and eliminated recurring bugs by conducting code reviews and integrating automated code analysis and linting tools into our CI/CD pipeline.
- Documented APIs with Swagger, Postman, and Miro, facilitating knowledge transfer and fostering team collaboration.

### MOSS EARTH

Remote | Montevideo, Uruguay  
2023-2024

#### Back-end Software Developer

- Optimized API for 1M+ daily requests (e.g., [iFood](#) & [Gol](#)) using caching, database indexing and SQL tuning, cutting costs by 20% and boosting speed.
- Integrated external APIs from Pipefy, Linte, HubSpot, Slack, Google Docs, Google Sheets, and OpenAI, automating workflows and reducing weekly work hours across multiple departments.
- Implemented monitoring tools such as New Relic, Sentry, and OpenTelemetry, identifying critical system bottlenecks and reducing operational costs.
- Designed and developed internal software to automate processes, thereby significantly reducing the workload of the data, environmental and GIS teams.
- Mentored junior developers, boosting their productivity and enhancing the development team's efficiency.

### FLOW LAB

Hybrid | Uberlândia, MG - Brazil  
2020-2023

#### Full-stack Software Developer

- Led customer meetings with professionals across sectors, including doctors, managers, engineers, and agronomists, understanding their challenges and delivering tailored solutions.
- Managed Agile-driven projects, ensuring on-time, within-budget deliveries, achieving high client satisfaction.
- Cut [UMC hospital](#) server costs by 1/4 through migration from Heroku to AWS ECS, ECR, RDS, and S3 using Docker and Github Actions.
- Handled payment processing by integrating third-party services such as Pagar.me and Stripe.

## EDUCATION

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### ESTÁCIO DE SÁ

Bachelor Degree in Computer Science

Uberlândia, MG - Brazil  
2021-2025

## ADDITIONAL INFORMATION

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- **Technologies:** Go (Golang), Python, PHP, Typescript, Javascript, Node.js, RESTful API, GraphQL, gRPC, Websockets, Postgres, MySQL, BigQuery, Redis, MongoDB, AWS, Google Cloud (GCP), PubSub, 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.