

Daniel Mesquita

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PROFESSIONAL EXPERIENCE

SWORD HEALTH

Remote | Porto, Portugal
2024-Present

Back-end Software Developer

- Developed and maintained scalable and performant microservices powering a web platform and a mobile app with 100K+ downloads.
- Leveraged Google Cloud Functions and PubSub to develop RESTful and gRPC APIs, optimizing service reliability and fault tolerance.
- Achieved high test coverage in the Sword's clinical portal APIs using Test-Driven Development (TDD) while creating unit and integration tests, reducing bugs, and enhancing backend reliability.
- Documented multiple APIs using Swagger, Postman, and Miro, facilitating knowledge transfer and team collaboration.

MOSS EARTH

Remote | Montevideo, Uruguay
2023-2024

Back-end Software Developer

- Increased API efficiency in handling millions of daily requests from companies such as [iFood](#) and [Gol](#) by implementing caching and optimizing SQL queries, cutting costs by 20%, and boosting response speed.
- Integrated external APIs from Pipefy, Linte, Hubspot, Slack, Google Docs, Spreadsheets, and OpenAI, automating workflows and cutting down weekly work hours across multiple departments.
- 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 Golang, Python, Typescript, and Node.js, improving their productivity and the development team's efficiency.

FLOW LAB

Hybrid | Uberlândia, MG - Brazil
2020-2023

Full-stack Software Developer

- 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.
- Cut [UMC hospital](#) server costs by 25%, migrating from Heroku to AWS EC2, S3, and RDS.
- Handled payment processing by integrating third-party services such as Pagar.me and Stripe.
- Reduced deployment times by over 80%, creating pipelines with CI/CD processes using GitHub Actions and Docker.

EDUCATION

ESTÁCIO DE SÁ

Bachelor Degree in Computer Science

Uberlândia, MG - Brazil
2021-Present

ADDITIONAL INFORMATION

- **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.