Daniel Mesquita

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PROFESSIONAL EXPERIENCE

SWORD HEALTH   **Remote | Porto, Portugal**
Back-end Software Developer   **2024-Present**

- Developed and maintained scalable, high-performance microservices powering a web platform and mobile app with 100K+ downloads.
- Leveraged Google Cloud Functions and 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.
- Documented multiple APIs with Swagger, Postman, and Miro, facilitating knowledge transfer and fostering team collaboration.

MOSS EARTH   **Remote | Montevideo, Uruguay**
Back-end Software Developer   **2023-2024**

- Improved API efficiency in handling 1M+ daily requests from companies like iFood and Gol by implementing caching and optimizing SQL queries, reducing costs by 20%, and increasing response 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 such as map generation and species search by location, reducing the data team's workload by one week per carbon project.
- Mentored junior developers in Golang, Python, TypeScript, and Node.js, boosting their productivity and enhancing the development team's efficiency.

FLOW LAB   **Hybrid | Uberlândia, MG - Brazil**
Full-stack Software Developer   **2020-2023**

- 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 EC2, RDS, and S3.
- 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   **Uberlândia, MG - Brazil**
Bachelor Degree in Computer Science   **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.