

Daniel Mesquita

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PROFESSIONAL EXPERIENCE

MOSS EARTH

Senior back-end developer

Remote
2023-Present

- Integrated external APIs from Pipefy, Hubspot, Slack, and Google Docs, automating workflows and cutting down weekly work hours across environmental, sales, and marketing departments.
- Leveraged microservices architecture and Google Cloud Functions to seamlessly integrate Go, Python and Typescript, reducing development time through using language-specific strengths.
- Implemented monitoring tools like New Relic, Sentry, and OpenTelemetry, uncovering critical system bottlenecks leading to a reduction in operational costs.
- Automated map image generation for REDD+ Project Descriptions with Python's Matplotlib and BigQuery, reducing the data team's workload by approximately one week per carbon project.
- Mentored junior developers in Typescript, Python, Golang, React, and Node.js, improving their productivity and the development team efficiency.
- Optimized system efficiency by caching API calls with Redis, resulting in a 20% reduction in costs and a 15% decrease in response times, significantly improving system performance.

FLOW LAB

Full-stack developer

Uberlândia, MG - Brazil
2020-2023

- 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](#) server costs by 25% migrating from Heroku using Docker to AWS EC2 and Aurora RDS.
- Managed Agile-driven projects, ensuring on-time, within-budget deliveries achieving a 9.2 client NPS.
- Led diverse customer meetings with professionals from various sectors, including doctors, managers, engineers, and agronomists, understanding their problems and finding the best solution.
- Designed and documented multiple RESTful APIs using Swagger and Miro, facilitating knowledge transfer and team collaboration efficiency.
- Achieved 100% test coverage in the [Opinahub](#) web app 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, PagSeguro, and Stripe.
- Reduced deployment times by over 80% using CI/CD processes with GitHub Actions and Turbopack.
- Enhanced the [BomDia](#) mobile app UX by delivering real-time feedback using WebSockets.

EDUCATION

ESTÁCIO DE SÁ

Bachelor's Degree in Systems Analysis and Development

Uberlândia, MG - Brazil
2021-Present

ADDITIONAL INFORMATION

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