Daniel Mesquita

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PROFESSIONAL EXPERIENCE

MOSS EARTH   **Remote**
Senior Full-stack developer   **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 Typescript, Python, and Go, reducing development time through using language-specific strengths.
- 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.
- 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.
- Designed and documented multiple RESTful APIs using Swagger and Miro, facilitating knowledge transfer and team collaboration efficiency.

FLOW LAB   **Uberlândia, MG - Brazil**
Senior Full-stack developer   **2020-2023**

- 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, enhancing customer relations and feedback integration into project scopes, increasing client engagement.
- Mentored junior developers in Typescript, Python, Golang, React, and Node.js, improving their productivity and the development team efficiency.
- 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.
- 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.
- Cut Medfy server costs by 25% migrating from Heroku using Docker to AWS EC2 and Aurora RDS.
- 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 integrating client and server for real-time chat using WebSockets.

EDUCATION

ESTÁCIO DE SÁ   **Uberlândia, MG - Brazil**
Bachelor's Degree in Systems Analysis and Development   **2021-Present**

ADDITIONAL INFORMATION

- **Technical Skills and Technologies:** Go (Golang), Python, Typescript, Javascript, Node.js, RESTful API, GraphQL, Microservices, Nest, Express, Gin, Fiber, GORM, Flask, Django, Matplotlib, Pandas, Geopandas, Prisma, Postgres, BigQuery, Redis, Mongo, AWS, Google Cloud (GCP), Git, Github, Gitlab, Version control, Docker, Kubernetes, Nginx, Unit tests, Integration tests, React, React Native, Next.js, Expo, React Context API, Redux, HTML, CSS, Sass, Tailwind, Linux.

- **Languages:** Fluent in Portuguese (native speaker) and English; basic proficiency in Spanish.