

Luiz Fernando Rodrigues Vieira de Oliveira

Full-Stack Developer

 +55 (37) 9 9170-1381

 [LinkedIn](#)

 lfernando.r991@gmail.com

I am a Full-Stack developer focused on web development, currently improving my skills in JavaScript. Additionally, I am learning more about Golang and Rust in my free time. My goal is always to keep learning and put all my skills into practice to deliver the best work possible.

Professional Experience:

Chave 7, Uberlândia - MG

10/2024 - Now

Backend developer

- I developed and maintained scalable microservices using NestJS, supporting both REST APIs and GraphQL, increasing flexibility in data consumption across different parts of the application.
- I integrated AWS services (SQS, S3) to handle asynchronous workflows and efficiently manage file storage, improving system resilience and performance.
- I implemented automated notification systems via email, WhatsApp, and push notifications, ensuring timely and effective user communication.
- I integrated with payment gateways, enabling secure and reliable transactions directly within the platform.
- I Configured and maintained Dockerized environments, ensuring consistency across development, testing, and deployment workflows.
- I automated deployments to AWS ECS using CI/CD pipelines with GitHub Actions, running tests and ensuring reliable continuous delivery to production.

Sphera Academy, Remote

03/2024 - 10/2024

Full-stack developer

- I developed both the backend and frontend of an educational platform for students aiming to study abroad, using Next.js on the frontend and modern backend technologies.
- I implemented a student progress tracking system, enhancing learning experience and engagement.
- I optimized database queries, reducing response time.
- I managed deployment and integration of cloud services including AWS, Cloudinary, and DigitalOcean, ensuring high availability and scalability.
- I implemented efficient caching mechanisms to accelerate page loading and improve performance.

- I Maintained, refactored, and expanded the API, implementing new endpoints to support critical features and directly improve the application's usability.
- I Developed automated WhatsApp messaging workflows, integrating with third-party APIs to ensure reliable, large-scale message delivery.
- I Built an automated messaging campaign system, allowing clients to configure:
 - Scheduled sending by date and time,
 - Sending speed control,
 - Real-time monitoring via WebSocket with detailed metrics such as total messages sent, failures, and delivery status.
 - Focused on scalability and performance, ensuring system stability even under high-volume messaging loads.

Education:

Systems Analysis and Development - Estácio de Sá
Technology Degree - Completed

Skills:

- **Backend:** Node.js, Nest.js, Express, MongoDB, Mongoose, MySQL, Postgres, GraphQL, Sequelize, Prisma, Socket.io, SQS, Microservices, RabbitMQ, Redis, Jest, Clean Architecture, AWS Cognito, Aws SQS, gRPC
- **Frontend:** HTML, CSS, SCSS, React.js, Next.js, Styled Components, Tailwind, Axios, Apollo, React Query
- **Infra:** Aws, Lambda, EC2, S3, RDS, Docker, Github Actions
- **Others:** Git, Github, Gitflow, Golang, Typescript, Javascript, English (B2)

Portfolio:

Check out my work

My website for devs: [Vscope Portfolio](#)

My general website: [Personal Site](#)

GitHub: [LuizFernando991](#)

Best project: [Microservices Streaming](#)