

# WALTER FERREIRA

BR

## Fullstack developer

- Portuguese: Native
- English: Advanced (B2)

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## RESUME

I'm a software engineer with 4 years of experience, currently working as a full-stack developer with a strong focus on backend development using Go and Node.js. On the frontend, I have experience with React and Angular, delivering responsive and user-friendly interfaces. I'm also familiar with observability tools, CI/CD pipelines, and designing scalable architectures. I thrive in collaborative team environments and am motivated by improving engineering practices, system design, and delivering high-quality software.

## ACADEMIC BACKGROUND

Bachelor's Degree in Computer Science, Tiradentes University, 2020-2024

## PROFISSIONAL EXPERIENCE

### Mid-level Full-stack developer, Exxonmobil, oct2024 - now

- Designed and implemented a runtime in Go for a chatbot platform, supporting conditional flows, variables, and HTTP integrations with isolated execution and concurrency control.
- Built analytics platforms in Go, focusing on scalability and multi-tenant architectures.
- Developed front-end applications in React, implementing dynamic dashboards and data visualizations for temperature and gas monitoring in North America and Europe.
- Designed and developed ETL pipelines in Python (Pandas) to integrate and process third-party data into Snowflake tables.
- Created and managed database table/views in Snowflake, ensuring data consistency and scalability.

### Junior Full-stack developer, Ubots, may2023 - set2024

- Integrated LangChain + ChatGPT in Python to summarize conversations between users, agents, and chatbots.
- Developed and maintained high-performance REST APIs using Spring Boot, Node.js (Express, Fastify) and Golang (Gin, Fiber, Echo).
- Built front-end interfaces with React (Javascript, Typescript), Angular, and Figma-based layouts, ensuring responsive design and usability.
- Automated workflows using n8n, implemented CI/CD pipelines, and improved deployment reliability with Docker, Kubernetes, and observability tools.
- Provided mentorship and technical support for new team members.
- Experience with Docker, Docker Compose, Kubernetes, and observability tools.

### Full-stack developer, Grupo Soma, jun2021-may2023

- Developed React/Next.js applications using TypeScript, Redux, Context API, and React Testing Library for e-commerce and internal tools.
- Built Node.js backends (Express, Fastify) with Knex, Prisma ORM, and TypeORM, improving data reliability and scalability.
- Designed and optimized data models with PostgreSQL, MySQL, and Redis.
- Migrated legacy Pentaho ETLs to Python + Airflow, reducing processing time and increasing maintainability.
- Collaborated in CI/CD automation, code reviews, and test coverage improvements.

## TECHNICAL SKILLS

- Programming Languages: JavaScript, TypeScript, Golang, Java, Python (Langchain)
- Frameworks & Libraries: React.js, Next.js, Express, Fastify, Prisma ORM, TypeORM, Knex, Angular, Styled Components, Shadcn/UI, Material UI, Gin, Gorm, Goose, zap, pandas
- Databases: PostgreSQL, MySQL, Redis
- Testing Tools: Jest, JUnit, React Testing Library
- DevOps & Monitoring: Docker, Docker Compose, Kubernetes, Grafana, Elasticsearch, CI/CD pipelines
- Methodologies & Practices: Clean Code, TDD, DDD, Extreme Programming, Git