João Pedro Lira

Fullstack Developer · Go · JavaScript · React · Next.js · TailwindCSS

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PROFESSIONAL SUMMARY

Fullstack Developer focused on building fast, scalable systems, combining the efficiency of Go (Golang) on the backend with the agility of Next.js and React on the frontend. With a multidisciplinary background in Psychology from UFC, I bring an analytical perspective to solving complex problems and shaping high-impact products, from the interface to the server logic. Driven by new challenges, I deliver complete end-to-end solutions with high technical quality.

TECHNICAL SKILLS

Backend: Go (Golang), robust and scalable REST APIs, layered architecture, concurrency and performance optimization, Swagger documentation

Frontend: JavaScript, React, Next.js, React Native, TailwindCSS, responsive design, interactive charts (Recharts/Chart.js)

Databases: PostgreSQL, MongoDB, SQLite, Firestore, Redis (cache)

Cloud & Deploy: Vercel, Render, Railway, Neon, Firebase

Observability: Grafana, Prometheus

AI & Integrations: Large language model (LLM) integration, Google sign-in (OAuth), PDF report export

Leadership & Soft Skills: Intern mentoring, support in technical hiring, communication and constructive feedback

PROFESSIONAL EXPERIENCE

PontoGO

Fortaleza, Brazil

Fullstack Developer — May 2025 – Present

- Implemented Redis caches and their invalidation as part of the platform's caching project.
- Built and optimized Go (Golang) APIs, using concurrency for better performance and lower latency.
- Fullstack development with React, Next.js and TailwindCSS, plus mobile apps with React Native.
- Used Grafana and Prometheus to track platform metrics.
- Managed deployments and app releases to production.
- Data modeling and integration with Firestore.
- Technical support and bug fixing, ensuring system stability and reliability.
- Trained and mentored interns and supported technical recruiting and hiring processes.

Software Development Intern — Oct 2024 – May 2025

- Worked on the frontend ecosystem (React, Next.js and TailwindCSS), implementing Dark Mode across the whole application for visual consistency and a better user experience.
- Built new screens, from the interface to the logic, and improved existing flows.
- Fixed bugs and refined components, contributing to frontend stability and quality.

FEATURED PROJECTS

PsiEncontra · *Where Psychology, Technology and AI meet*

Fullstack self-reflection platform for Psychology students that combines mathematical psychometrics and generative AI to identify theoretical affinities and fields of practice in a technical, personalized way.

- High-performance Go backend with a scoring engine based on ipsative normalization, producing affinity rankings with statistical precision and low latency.
- Dynamic Next.js and React frontend with interactive radar charts (Recharts/Chart.js) and responsive Tailwind CSS design, focused on UX.
- Qualitative AI analysis: LLM integration to process open-ended answers and capture subjective nuances that quantitative scoring cannot reach.
- Google sign-in, result history and detailed PDF report export: a complete end-to-end solution.

Stack: Go · Next.js · React · JavaScript · Tailwind CSS · PostgreSQL · AI

Repository: github.com/lirajoaop/psiencontra | Online: psiencontra.vercel.app

Go Opportunities · *Job Openings Management Platform*

Complete fullstack platform for managing job opportunities, combining Go's performance on the backend with modern React/Next.js on the frontend, with full CRUD and a smooth experience.

- Scalable Go backend with an organized architecture (handlers, schemas and routing) and a REST API documented with Swagger.
- Modern frontend with React 19 and Next.js, focused on performance and SEO, Tailwind CSS 4, reusable components and native Dark Mode.
- Real-time search, advanced filters (remote/on-site) and a dynamic stats dashboard, with form validation and toast notifications.
- In production: frontend on Vercel, backend on Render and PostgreSQL database (Neon) in the cloud.

Stack: **Go · Next.js · React · JavaScript · Tailwind CSS · PostgreSQL**

Repository: github.com/lirajoaop/gopportunities-front-end | Online: gopportunities-front-end.vercel.app

EDUCATION

Systems Analysis and Development (Associate Degree) · UNIGRANDE – Centro Universitário da Grande Fortaleza
Feb 2025 – Jul 2027

B.Sc. in Psychology · Federal University of Ceará (UFC)
2020 – 2025

CERTIFICATIONS

- Geração Tech 3.0 — AI and Soft Skills for Developers **· Top 50 — Silver Medal**
- Introduction to Go
- Geração Tech 2.0

LANGUAGES

Portuguese: Native

English: Advanced