





Paulo Paiva

 Sao Paulo - SP, Brazil |  ppaivank@gmail.com |  LinkedIn |  Portfolio

SKILLS

Front-end Development: React, Next, JavaScript, CSS.

Back-end & Architecture: C#, .NET, Microservices, REST & Minimal APIs, JSON, MVC, CQRS.

Data & Storage: PostgreSQL, MySQL, Oracle PL/SQL, QuestDB, Supabase, Firebase.

DevOps & Tools: Docker, AWS, EC2, RDS, S3, SQS, IIS, Fly, Vercel, Render, Railway & Git.

Languages: Fluent in English and native in Portuguese.

EDUCATION

Uniao Brasileira de Faculdades – Associate Degree in Systems Analysis and Development

October 2024

EXPERIENCE

Software Developer Umbrage Studios – **Houston, TX** (Remote)

June 2025 – Current

- Developed front-end solutions with React and TypeScript in Nx monorepo environments, creating reusable components and user interfaces aligned with Figma designs, which improved design consistency and reduced rework.
- Contributed to .NET back-end projects with REST and Minimal APIs, participating in service design and architecture decisions, leading to better scalability and system performance.
- Modeled and structured data in PostgreSQL and integrated QuestDB for time-series scenarios, enabling high-volume data analysis and supporting temporal insights for critical metrics.

Mid-Level Software Developer Hospital SC – **Sao Paulo, SP** (On-site)

October 2022 – June 2025

- Developed and launched healthcare systems, including self-service kiosks and medical portals, using React, React Native, Next, C#, Python, .NET (REST/Minimal APIs, Swagger, ASP.NET, Razor Views), and VB.NET, delivering modern and user-friendly solutions for patients and staff.
- Designed and optimized MySQL and PL/SQL databases by creating efficient queries, procedures, functions, and views, ensuring data reliability and system scalability across critical hospital operations.
- Deployed applications on IIS servers, applying security best practices and optimizing production environments.

RECENT PROJECTS

API for Time-Series Data Weatherford International Inc

August 2025

- Designed and implemented a REST API in .NET using the CQRS architectural pattern to separate command and query responsibilities, improving scalability and maintainability.
- Integrated QuestDB for high-performance time-series data storage and retrieval, enabling efficient handling of temporal data, also modeled and structured a PostgreSQL database from scratch, ensuring robust schema design and optimized data access for transactional operations.

AI-Powered Clinical Assistant Hospital Sao Cristovao

May 2025

- Developed an AI-powered clinical assistant using React, .NET Minimal APIs, and Oracle PL/SQL, integrating a fine-tuned Mistral LLM with optimized token management and prompt engineering strategies, configuring model tuning and orchestration flows to ensure efficient responses, scalability, and cost control.
- Delivered patient evolution summaries and AI-driven clinical insights, supporting doctors in diagnosis and decision-making while improving accuracy and workflow efficiency.

Hospital Self-service Kiosk Hospital Sao Cristovao

August 2024

- Developed a hospital kiosk web application using React, a .NET REST API, and Oracle PL/SQL, deployed on IIS servers along with a C# Windows Service responsible for managing thermal printers.
- Enabled patients to confirm appointments, generate invoices, issue ID cards, and collect service tickets, reducing wait times and improving overall hospital workflow.