Paulo Paiva

🇧🇷 Sao Paulo - SP, Brazil | ✉ ppaivank@gmail.com | 🔗 LinkedIn | 🌐 Portfolio

SKILLS

Front-end Development: React.js, Next.js, JavaScript, CSS.
Back-end & Architecture: C#, .NET, REST & Minimal APIs, JSON, Swagger/OpenAPI, MVC, CQRS.
Data & Storage: PostgreSQL, MySQL, Oracle PL/SQL, QuestDB, Supabase, Firebase.
DevOps & Tools: Git, AWS, EC2, RDS, S3, Docker, IIS, Fly, Vercel, Render, Railway.

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 business-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.js, 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.
- Implemented and deployed applications on IIS servers, applying security best practices and optimizing production environments for stability and performance.

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.js, 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.