





Paulo Paiva

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

SKILLS

Front-end Development: React.js, Next.js, JavaScript, CSS, Tailwind, Bootstrap, Bulma.

Back-end Development: C#, Node.js, .NET, Microservices, REST APIs, JSON, MVC, CQRS, OOP, DDD.

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 a native speaker of Portuguese.

EXPERIENCE

Software Developer Umbrage Studios
Houston, TX - USA (Remote)

June 2025 – Current

- Developed front-end solutions with React.js and TypeScript in monorepo environments, delivering reusable components aligned with Figma designs and documented with Storybook, which improved UI consistency, collaboration with designers, and reduced rework across projects.
- Designed and implemented .NET back-end services with REST Minimal APIs using the CQRS pattern and MediatR for decoupled command/query handling for the client Weatherford International, enabling scalable data flows, clean architecture, and efficient time-series processing with QuestDB, which improved system performance and real-time operational insights.
- Designed and implemented PostgreSQL schemas, performing data modeling and creating optimized queries to ensure robust relational structures, reliable transactional operations, and improved system performance and maintainability.
- Built cloud-ready applications leveraging AWS (EC2, S3, RDS, SQS) and pub/sub messaging patterns, improving system decoupling, reliability, and real-time communication between distributed services.
- Managed containerized deployments with Docker and created integration tests, improving deployment reliability, and ensuring consistent and validated environments across staging and production.

Mid-Level Software Developer Hospital São Cristóvão
Sao Paulo, SP - Brazil (On-site)

August 2022 – June 2025

- Developed an AI-powered clinical assistant with React.js and .NET Minimal APIs, integrating a fine-tuned Mistral LLM and Oracle PL/SQL, which enabled doctors to obtain rapid diagnostic insights and improved scalability while reducing operational costs.
- Built the Beneficiary Portal with ASP.NET Core (MVC with Razor Views), JavaScript and Oracle PL/SQL, allowing patients to manage personal data, medical history, invoices, and appointments, which increased patient autonomy and streamlined administrative workflows.
- Developed the Conecta Totem self-service kiosk system using React.js, JavaScript, .NET Minimal APIs, and Oracle PL/SQL, providing patients with an intuitive interface to confirm appointments, generate payment slips, issue health cards, and retrieve service tickets, enhancing patient experience and reducing front-desk workload.
- Created the Medical Portal Platform with ASP.NET Core, JavaScript and Oracle PL/SQL, enabling doctors to manage schedules, surgeries, and requests more efficiently, optimizing daily hospital operations.
- Deployed and maintained applications on IIS servers, configuring basic security settings, CORS policies, and environment optimizations to ensure reliable, secure, and efficient production operations.

EDUCATION

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

October 2024