PAULO MATEUS DOS SANTOS SILVA
Senior Software Engineer

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❖ PROFESSIONAL SUMMARY

Senior Software Engineer with 4+ years of experience building scalable Full Stack solutions using **Node.js, TypeScript, React, and AWS**. Expert in security-first development (OWASP, GDPR, Auth) with a proven track record of delivering high-performance applications for international clients. Committed to code quality and currently pursuing the Google Cybersecurity Certificate. **Open to relocation to the USA, Canada, or Europe.**

❖ TECHNICAL SKILLS

- **Programming Languages:** TypeScript (Expert), JavaScript, Node.js, Python, Kotlin.

- **FrontEnd:** React.js, Next.js, Tailwind CSS, Styled Components, PWA, Redux/Context API.

- **Backend & Cloud:** Nest.js, PostgreSQL (Prisma), Docker, AWS (Lambda, S3), CI/CD.

- **Security:** OWASP Top 10, JWT, OAuth2, GDPR/Data Privacy Compliance.

❖ PROFESSIONAL EXPERIENCE

Senior Software Engineer (Frontend Focus) - Inetum, allocated to CP (Trains of Portugal)
Local: Remote (Portugal Project) – (June 2025 – Dezember 2025)

- Served as Senior Frontend Engineer for Portugal's main rail transport company (CP), impacting millions of monthly users by modernizing critical web applications.

- Architected and delivered Progressive Web Apps (PWAs) with offline-first capabilities using Service Workers and Workbox, ensuring system availability even in low-connectivity scenarios.

- Achieved a **Lighthouse score of 90+** by optimizing rendering performance and implementing Clean Architecture principles within the React/TypeScript ecosystem.

- Collaborated daily with European cross-functional teams, adhering to strict WCAG accessibility standards and mobile-first best practices.

Full Stack Developer | Dourado Cash (Remote – February 2025 – February 2026)

- Spearheaded the end-to-end development of greenfield projects, taking full ownership from initial Figma UX/UI concepts to production deployment on AWS.
- Architected the entire frontend ecosystem using **React, Next.js, and TypeScript**, establishing scalable design systems with Tailwind CSS.
- Managed API integrations and database schemas, setting up CI/CD pipelines for automated deployments.
- Delivered fully functional, high-fidelity products "from 0 to 1," ensuring responsive design and rigorous testing.

Full Stack Software Engineer (Focus on Backend) | Sumé Tecnologia (Remote – August 2024 – February 2025)

- Engineered scalable backend solutions for the Sonar System, facilitating public access to critical municipal services.
- **Boosted system performance by 30%** by leading a strategic migration from WebSocket to **gRPC**, resolving latency bottlenecks.
- Designed and implemented an automated disaster recovery strategy using **AWS S3** for secure, redundant data storage.
- Refactored legacy codebases using Nest.js and Prisma, significantly reducing technical debt.

Software Engineer – Full Stack| Sea Technology (Hybrid – December 2023 – August 2024)

- **Increased client revenue by 15%** by developing custom internal tools that streamlined workflows and reduced manual operational time.
- Led the end-to-end development of native Android applications using React Native, ensuring cross-platform compatibility and high user retention.
- Delivered scalable full-stack solutions using Node.js and React, overseeing the entire SDLC from requirements gathering to deployment.

Full-Stack Engineer | PIBTV (Hybrid – June 2023 – December 2023)

- **I Led the full-stack development** of a web application for the church, handling front-end and back-end using **TypeScript, Node.js, Nest.js, PostgreSQL, Prisma, React.js,** and **Next.js.**
- Built a comprehensive system enabling user registration and providing an admin panel to manage church expenses, donations, and financial data.
- Improved operational efficiency by automating key processes and ensuring secure data handling in compliance with **General Data Protection Law** (LGPD - Brazil).

Front-End Engineer | Hub Lar (Remote – December 2022 – June 2023)

- Planned and developed the Hub Lar website using HTML, CSS, and JavaScript.
- Designed responsive interfaces, contributing to the digital growth of a social enterprise, an NGO transforming the lives of underprivileged residents In Sorocaba, São Paulo, Brazil.
- Website live at: hublar.net

Full Stack Engineer (Legacy Modernization) | Defendy (Remote – September 2021 – December 2022*)*

- I participated in strategic legacy modernization initiative, refactoring a monolithic system into a modern architecture using **React.js, Node.js, and TypeScript**.
- **Boosted application performance by over 40%** by optimizing rendering cycles and implementing React Query for efficient server-state management.
- Standardized the UI library using Ant Design (AntD) and Styled Components, ensuring a consistent user experience across the platform.
- Improved developer velocity by introducing strict typing with TypeScript and Clean Code practices.

Graphic Designer UX/UI | Mats Designer (Hybrid – June 2019 – November 2024*)*

- Over **4 years of experience** delivering high-quality graphic design solutions for banners, website layouts, and social media posts.
- Collaborated with over 20 clients, creating impactful branding materials and landing pages.
- Managed social media for a gym for 2 years, increasing client acquisition and profits through strategic content and campaigns.

Tools: Figma, Photoshop, Illustrator, CorelDRAW, Adobe Premiere, Sony Vegas.

❖ EDUCATION

➢ **Bachelor of Science in Software Engineering** *Estácio University (UNESA) Expected Graduation: Dec 2027*

Note: **100% Online Program (Asynchronous)**. Schedule is fully compatible with full-time employment.

➢ *Full Stack Web Development Program Trybe | 2023 – 2024*

Intensive 1,500-hour curriculum covering Computer Science fundamentals, Algorithms, Data Structures, and Full Stack Development.

➢ **Google Cybersecurity Professional Certificate** *Coursera / Google | In Progress*

❖ SOFTS SKILLS

- Effective Communication
- Collaboration and Teamwork
- Self-Management and Organization
- Problem-Solving
- Adaptability
- Critical Thinking
- Proactivity
- Emotional Intelligence
- Continuous Learning
- Conflict Resolution

❖ LANGUAGES

- **Portuguese:** Native

- **English:** Advanced/Fluence

- **Spanish:** Intermediate

- **Russian:** Basic