

Pedro Trotta

Contact

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Professional Experience

Axia Digital Solutions *Senior Software Engineer, Oct 2025 – Present*

- Architected scalable digital banking and fintech solutions using Angular and TypeScript within a multi-client platform serving internet banking, crypto, and BaaS providers.
- Led design of modular, white-label front-end apps supporting multiple client environments (Tokeniza, Dillianz, Globoo), ensuring seamless customization and brand consistency.
- Engineered complex multi-step signup and onboarding flows with integrated KYC/IDWall verification, feature flag management, and dynamic form validation.
- Spearheaded unification of shared UI components across product lines, reducing code duplication by 40% through a centralized component library.
- Implemented CI/CD pipelines with Docker, automating build, test, and deployment across dev, homolog, and production environments.
- Managed VPN (WireGuard), API Gateway with HashiCorp Vault, and containerized services using Docker Compose and Redis.

Globoo

Tech Leader & Senior Software Engineer, Feb 2025 – Oct 2025

- Led architecture and development of Globoo's digital banking platform, ensuring scalability, security, and regulatory compliance.
- Implemented robust KYC, AML, and transactional fraud prevention features, enhancing platform trust and user safety.
- Designed modular services for core banking: digital wallet, escrow systems, and crypto-fiat integrations.
- Mentored cross-functional team of developers and designers, fostering agile development culture.
- Led DevOps with Kubernetes and Docker, reducing deployment friction and improving delivery speed by over 40%.
- Coordinated launch of DeFi and tokenization features, boosting user engagement and product adoption.

Milliark Investments

Senior Software Engineer, Jun 2024 – Jan 2025

- Developed scalable enterprise solutions ensuring security, efficiency, and compliance with industry regulations.
- Engineered modular, component-based architecture using cutting-edge front-end frameworks.
- Implemented automated CI/CD with Docker and Kubernetes, reducing deployment times by 35%.
- Integrated real-time data streaming for high-frequency financial transactions and analytics.

Skills

Languages: JavaScript (Main), TypeScript, Python
Java, C#, SQL, PHP, C++

Front end: Angular, React, Next.js, Tailwind CSS
HTML5, CSS3, Radix UI, SCSS

Back end: Node.js, Express, NestJS, Prisma
PostgreSQL, MongoDB, Redis

DevOps: Docker, Kubernetes, AWS, GCP, CI/CD
GitHub Actions, Terraform

Tooling: Git, Webpack, ESLint, Jest, Cypress
RabbitMQ, HashiCorp Vault

Certifications

Programming Languages

Harvard University Online (2020)

Certified Scrum Master (CSM)

Scrum Alliance (2021)

Power BI Data Analyst

Microsoft Learn (2022)

Full Stack Web Development

Rocketseat (2022)

Master Software Development

Udemy (2023)

Java Backend

Udemy (2023)

C#

Finland Tech Stack (2024-2025)

Education

UCDB - Univ. Católica Dom Bosco

BSc in Software Engineering, 2021

Languages

English (Native)

Spanish (Conversational)

Portuguese (Native)

Bella Parmegiana

Software Engineer, Jan 2024 – Jun 2024

- Developed internal systems for order management and inventory control using JS and Node.js, reducing operational errors by 30%.
- Integrated delivery platforms with restaurant management system, increasing online sales by 25%.
- Built custom dashboards with React and MongoDB for performance analysis and financial control.

Aldax Distribuidora

Front-End Engineer, Jan 2023 – Jan 2024

- Synchronized 500+ daily e-commerce orders with ERP using RabbitMQ, TypeScript, and GCP.
- Reduced cloud costs by 15% through performance optimizations; eliminated 3,000+ lines of redundant code.
- Implemented automated testing (Jest, Cypress) with 60% coverage, minimizing production bugs.

Partido dos Trabalhadores (PT 13)

Front-End Junior, Jan 2022 – Jan 2023

- Developed web pages, logos, and social media assets with high-conversion design strategies.
- Executed 300+ paid traffic ad campaigns for lead generation and voter conversion.