

# Pedro Trotta

## Contact

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## Professional Experience

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### 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

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**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

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**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

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**UCDB - Univ. Católica Dom Bosco**  
BSc in Software Engineering, 2021

## Languages

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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.