

# BRUNO PALHANO MARTINS DOS SANTOS

SYSTEMS ARCHITECT • AI-INTEGRATED SYSTEMS

## CONTACT

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## EDUCATION

- Master of IT Cybersecurity**  
Kaplan Business School  
Oct 2024 – Mar 2027
- Technical Degree System Analysis & Dev**  
Cruzeiro do Sul University  
2020 – 2023

- IELTS Preparatory**  
Milestones English Academy  
Jul 2023 – Oct 2023

## SKILLS

- |                       |             |
|-----------------------|-------------|
| System Architecture   | <div></div> |
| AI / LLM Integration  | <div></div> |
| Microservices Design  | <div></div> |
| NestJS / Node.js      | <div></div> |
| TypeScript            | <div></div> |
| React / React Native  | <div></div> |
| AWS & Cloud Infra     | <div></div> |
| Docker / CI/CD        | <div></div> |
| SQL / NoSQL           | <div></div> |
| Cybersecurity         | <div></div> |
| WebSocket / Real-time | <div></div> |
| Next.js               | <div></div> |

## LANGUAGES

- Portuguese**  
Native
- English**  
Professional Proficiency

## PROFILE

Brazilian Software Engineer with 6+ years of experience designing and building full-stack and AI-integrated systems. I thrive on solving complex architectural challenges — from distributed APIs and cloud infrastructure to integrating large language models into production workflows. Currently deepening expertise in cybersecurity through a Master of IT specialisation. Driven by clean architecture, continuous delivery, and meaningful technical impact. Based in Melbourne, contributing to the Australian tech community.

## WORK EXPERIENCE

- Full Stack Developer** Jun 2024 – Present  
WABI

### RESPONSIBILITIES

- Tech lead for the development of the mobile application in React Native.
- Lead the architecture and development of the backend API in NestJS.
- Ensured application quality, functionality, and design coherence across platforms.

- Full Stack Developer** Apr 2022 – Apr 2023  
Ornatec LTDA

### RESPONSIBILITIES

- Managed and maintained the main ReactJS website, overseeing operations and CI/CD.
- Led development and enhancement of key platform features and backend APIs.

### ACHIEVEMENTS

- Refactored the main API using the controller-service-repository pattern.
- Added caching layers and automated deployment pipelines to the API.
- Orchestrated migration of 100,000+ images from a local server to Amazon S3.
- Implemented dashboards, admin interfaces, and real-time WebSocket notifications.

- Front-end Developer** Feb 2022 – Aug 2022  
ELVT Inc

### RESPONSIBILITIES

- Led development of the website for the Bomberzilla crypto game project.
- Integrated 3D models and animations using Three.js and Blender.

### ACHIEVEMENTS

- Delivered an interactive WebGL-driven website with advanced 3D animations.
- Rapidly acquired Blender skills to meet demanding project visual requirements.

- Trainee Back-end Developer** Oct 2021 – Apr 2022  
Moovery

### RESPONSIBILITIES

- Integrated external order services with NestJS and maintained a legacy PHP 5.0 API.
- Contributed to delivery dispatch logic and order transfer features.

- System Deployer** Feb 2021 – Oct 2021  
PBtec

### RESPONSIBILITIES

- Deployed systems to clients: PC setup, driver installation, and network configuration.
- Provided help desk support and client training on deployed systems.