

Luís Barros

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PROFESSIONAL EXPERIENCE

Support Engineer, Securnet

Nov.2023 – Present

- * **Infrastructure:** Implemented and maintained monitoring solutions using Zabbix and Grafana
- * **Technical Support:** Provided rapid-response troubleshooting and solutions for clients
- * **Collaborations:** Streamlined internal processes for improved operational stability

Freelancer Applications Developer, Millenia - Informática e Serviços, Lda.

Feb.2023 – Present

- * **Development:** Built and deployed multiple iOS applications using React Native
- * **Design:** Created comprehensive application branding and launch materials
- * **Technology Stack:** Javascript, Typescript, UI/UX Design Principles

Freelancer Website Full-stack Developer, JLP Reparações Auto

Jan.2025 – Present

- * **Full-stack Development:** Designed and implemented a comprehensive auto repair shop management system using MongoDB, Express.js, React and Node.js (MERN stack)
- * **Frontend Excellence:** Built responsive user interfaces with Next.js and Tailwind CSS, implementing modern design patterns and optimised performance
- * **DB Architecture:** Developed MongoDB schemas and RESTful APIs to manage repairs orders, customer data and service trackings
- * **System Integration:** Created seamless integration between frontend components and backend services, enabling real-time updates and efficient data flow

Intern, Securnet

Jun.2023 – Aug.2023

- * **Network Lab:** Implemented enterprise network using FortiGate, FortiSwitch, DMZ (web/ e-mail/ SFTP), and Zabbix-Grafana-GLPi monitoring
- * **ML:** Implemented KMeans clustering algorithm to optimize Zabbix monitoring system, achieving 0.85 silhouette coefficient in alert threshold optimisation

EDUCATION

European University — Postgraduate degree in cybersecurity

Polytechnic of Guarda — Bachelor's degree of Computer Engineering

Thesis: Intelligent Network Monitoring System

Vice-President of the Computer Engineering Student's Department

SKILLS

Systems & Security: FortiOS, Linux, Zabbix, VMware, MySQL, Oracle, Apache, Grafana, GLPi

AI & ML: TensorFlow, KMeans

Front-end: JavaScript, HTML, CSS, React

Back-end: NodeJS, Python, Java, Kotlin, ASP.NET, PL/SQL

Tools: Git, Docker

CERTIFICATIONS

Development & AI

- * Databricks Generative AI Fundamental
- * DeepLearning.AI TensorFlow Developer
- * Unity Game Development Certification

Cybersecurity & Network

- * Fortinet Certified Associate Cybersecurity
- * Fortinet Certified Fundamentals Cybersecurity
- * CCNAv7 (Introduction, SRWE, Enterprise)
- * Cybersecurity Foundations Specialisation

LANGUAGES

Portuguese: C2

English: C2

French: B1

