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 Programmer**

  Milenia - 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:** React Native, JavaScript, 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
  - ✸ **Database Architecture:** Developed MongoDB schemas and RESTful APIs to manage repair orders, customer data, and service tracking
  - ✸ **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/ email/ 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   *2024*

- **Polythecnic of Guarda**

  Bachelor's degree of Computer Engineering   *2023*
  - ✸ **Thesis:** Intelligent Network Monitoring System
  - ✸ Vice-President of the Computer Engineering Student's Department

Skills ———————————————

- **Systems & Security:** FortiOS, Linux, Zabbix, Grafana, GLPi, MySQL, Apache, VMWare
- **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:** Native
- **English:** C2
- **French:** B1.

You can find me at