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

- **Intern**

  Securnet   *Jun 2023 - Aug 2023*

  - ✳ **Network Lab:** Implemented enterprise network using FortiGate/FortiSwitch, DMZ (web/ email/ SFTP), and Zabbix-Grafana-GLPI monitoring
  - ✳ **Machine Learning:** Implemented KMeans clustering algorithm to optimize Zabbix monitoring system, achieving 0.85 silhouette coefficient in alert threshold optimization

Education

- **European University**

  Postgraduate studies 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 2022/2023

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
- **Design:** Adobe Photoshop
- **Tools:** Git, Docker

Certifications

- **Development & AI**

  - ✳ Databricks Generative AI Fundamentals
  - ✳ Salesforce AI Associate
  - ✳ Unity Game Development Certification

- **Cybersecurity & Network**

  - ✳ Fortinet Certified Associate Cybersecurity
  - ✳ CCNAv7 Introduction to Networks
  - ✳ CCNAv7 Switching, Routing, and Wireless Essentials
  - ✳ CCNAv7 Enterprise Networking, Security and Automation
  - ✳ Fortinet Certified Fundamentals Cybersecurity
  - ✳ Cybersecurity Foundations Specialisation

Languages

- **Portuguese:** Native
- **English:** C2
- **French:** B1

You can find me at