Amauri Ribeiro
Curriculum vitae
09/30/2024

Florianopolis, SC, Brazil
amaurihenrique2017@gmail.com

EDUCATION

Bachelor in Software Engineering, 2025   **(GPA3.9)**
University of North of Parana, Londrina, Parana, Brazil

PROFESSIONAL EXPERIENCE

Digital Communications Manager   **(09/2018 – 10/2023)**
Princess Cruises/Cruise industry, Santa Clarita, California, United States

Summary:
Effective technical assistance to both guests and employees. This role includes resolving issues related to desktops, laptops, mobile devices, software and hardware applications, and network connectivity. Create a network sniffing audit that identifies users attempting to access other users' accounts (distinguished by their MAC addresses). Monitors guest relations feedback and other sources of information to identify any trends and issues that mighty compromise the guest experience and expectation.

Complementary Education

Google Cybersecurity Certificate – Google, online(180h)	(02/2024)
Google IT Support Professional Certificate – Google, online(240h)	(02/2024)
CS50: Introduction to Computer Science - Harvard University, online(180h)	(06/2023)
Cybersecurity Foundations - By: Malcolm Shore, online(40h)	(07/2024)
Ethical Hacker – EDUZZ by Professor Wanderley José de Abreu Junior, online(80h)	(2024)
Data Science – Machine Learning, online(80h) - EDX	(2023)
Nmap & Wireshark – Udemy, online(20h)	(2023)
Getting Started with DevOps on AWS – AWS, online(6h)	(08/2023)

RESEARCH EXPERIENCE

Project Summary: (04/2023 – 07/2023)
Developing a Spring-Based E-commerce Platform. This project demonstrates a strong understanding of Spring-based development, RESTful API design, and security best practices. The developed backend system provides a solid foundation for building a comprehensive e-commerce platform.
Technical Approach:
- **Spring Framework:** Utilized Spring Boot for rapid application development and its core modules (Spring MVC,Spring Security, Spring Data JPA) for building a scalable and secure backend.
- **RESTful API:** Developed a set of RESTful APIs to handle user-related operations, including:

- o **User Registration:** Allow users to create new accounts with essential information.
  - o **User Authentication:** Implement secure login mechanisms using password hashing and token-based authentication.
  - o **User Authorization:** Enforce access control rules based on user roles and permissions.
- Technologies Used: Spring Boot \ Spring MVC \ Spring Security \ Spring Data JPA \ PostgreSQL.

Advisor Dr. Marcio Shimoda.

University North of Parana, Londrina, Parana, Brazil

RESEARCH EXPERIENCE

Implementing business intelligence in the corporate environment   (02/2022 – 10/2022)

Advisor Dr. Mauro Rezende.

University North of Parana, Londrina, Parana, Brazil

SOFTWARE, PROGRAMMING LANGUAGE AND TECHNICAL SKILLS

- C, JAVA, PHP, JavaScript, NoSQL, CSS.
- Python using Anaconda and Kaggle platform for data processing, use of Machine Learning, data visualization and statistical analysis.
- R performing statistical analysis and data patterns visualization.
- SQL for data warehousing, ETL processes with and without SSIS (SQL Server Integration Services) and data modelling.
- Power BI for data visualization, and DAX language for data manipulation and data analysis.
- Git, GitHub, Visual Studio Code, Node, NetBeans, MySQL, PostgreSQL, MariaDB, MongoDB, Cassandra, Spring tool, IntelliJ, Terraform, AWS.
- Wireshark, Nmap, Burp suite, OWASP Zap, Kali Linux
- Data Structures, Algorithms, Forensic Sciences, Finance, Cryptography, Security Software, Security Hardening, Network Security, Computer Science, Resource Management Transmission Control Protocol / Internet Protocol (TCP/IP), Network Architecture, Cloud Networks, Information Security (INFOSEC), NIST Risk Management Framework (RMF), Security Audits, NIST Cybersecurity Framework (CSF), Incident Response Playbooks, Intrusion Detection Systems (IDS), Security Information and Event Management (SIEM) tools.

SCHOLARSHIP

Undergraduate Scholarship   (09/2022–current)

60% Tuition Waiver for 4 years, University of North of Parana, Londrina, Parana, Brazil