André Santos

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Quarteria, Faro - 8125, Portugal

EXPERIENCE

• **Timestamp [🌐]**   *October 2024 - Present*
IT Management Consultant   Lisbon, Portugal
  ◦ Conducted IT discovery using UCMDB and SMAX to map infrastructure and optimize asset management.
  ◦ Automated data collection and analysis, improving efficiency in IT service management.
  ◦ Provided technical consultancy for IT asset visibility and lifecycle management.

• **Inditex [🌐]**   *April 2022 - April 2024*
Sales Assistant (Zara & Other Inditex Stores)   Loulé, Portugal
  ◦ Assisted customers with product selection, improving sales and customer experience.
  ◦ Managed cash transactions and ensured accurate billing at the checkout.

EDUCATION

• **University of Algarve**   *September 2021 - June 2025*
Computer Science   Faro, Portugal

PROJECTS

• **Web App using Flask on AWS, GCP, and Azure**
Tools: Flask | GitHub Workflow | Docker
  ◦ Designed and deployed a web app on AWS, GCP, and Azure using Flask.
  ◦ Integrated CI/CD pipelines with GitHub Workflow and containerized with Docker.

• **Automation Tool to check for Instagram followers who don't follow back**
Tools: Selenium | Java
  ◦ Developed an automation tool using Selenium to track Instagram followers.
  ◦ Implemented Java-based scripts to scrape and analyze follower data.

• **Replica of Snake Game**
Tools: Java
  ◦ Developed a Snake game from scratch using Object-Oriented Programming (OOP) in Java.
  ◦ Implemented game mechanics, collision detection, and a scoring system.

• **Bankroll Management Tool for Poker Players**   *Ongoing*
Tools: Next.js | Prisma | React | PostgreSQL
  ◦ Built a bankroll management tool for poker players using Next.js, Prisma, and React.
  ◦ Implemented real-time statistics, automated tips, and PostgreSQL for data storage.

• **Spell Library**
Tools: C
  ◦ Developed a Spell Library in C, allowing efficient filtering, addition, and removal of spells.
  ◦ Implemented dynamic data structures to store and manage spells flexibly.
  ◦ Added functionalities for searching and organizing spells based on different criteria.

• **Web Application for the University of Algarve's Open Day**
Tools: Python | Django | Vue.js
  ◦ Built a web application to facilitate event management and user engagement.
  ◦ Designed the front-end using Vue.js and implemented the back-end with Django.

• **Replica of the Apple Store**
Tools: Front-End: Vue.js (HTML, CSS, JavaScript) | Back-End: PHP

   ◦ Developed an Apple Store replica to showcase front-end and back-end integration.

   ◦ Used Vue.js for an interactive UI and PHP for server-side logic.

• **Replica of Subway Surfers**
Tools: Python | Blender

   ◦ Developed a Subway Surfers clone with Python for game logic and Blender for 3D models.

• **Relational Database Postgres**
Tools: SQL

   ◦ Designed and optimized relational databases using PostgreSQL.

   ◦ Implemented SQL queries to handle complex data transactions.

• **Full-stack development of a contact management application**
Tools: Front-End: React | Back-End: Node.js, NedB

   ◦ Built a full-stack contact management system with React for the UI.

   ◦ Developed a lightweight back-end with Node.js and NedB.

• **Portfolio Website**
Tools: Next.js

   ◦ Designed a portfolio to showcase my projects and certifications.

SKILLS

◦ **Programming Languages:** Java, Python, C, C, JavaScript
◦ **Web Technologies:** React, Next.js, Vue.js, HTML, CSS
◦ **Database Systems:** PostgreSQL, MySQL, NedB
◦ **Cloud Technologies:** AWS, GCP, Azure
◦ **DevOps & Version Control:** Docker, Git, GitHub Workflow, CI/CD
◦ **Other Tools & Technologies:** Selenium, Blender, Prisma, UCMDB, SMAX
◦ **Research Skills:** Technical Documentation, Problem-Solving, Debugging, System Analysis, Data Interpretation

CERTIFICATIONS

◦ **AWS Certified Cloud Practitioner (AWS)**   *Ongoing*

◦ **Official English Certificate EF SET (C1 Advanced)**   *2024*

◦ **Networking Basics (Cisco)**   *2024*

◦ **C# Basics Certification(Microsoft)**   *2024*

ADDITIONAL INFORMATION

Languages: Portuguese (Native), English (Proficient)