Agda Lopes Domingos

Computer and IT Engineer

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ABOUT ME

I am a proactive and passionate professional with three years of solid experience in developing and implementing innovative solutions in Computer Engineering. I possess exceptional communication and teamwork skills. My focus is on continuous growth and constant learning.

EXPERIENCE

Computer and IT Engineer

Health 360 S.A. - Technological Park of Praia, Santiago, Cape Verde
Sep. 2022 - Present

- Innovative Solution Development for the Healthcare Sector: Creation and implementation of advanced technological solutions using **MVC (Model-View-Controller)** concepts to enhance processes and outcomes in the healthcare sector, utilizing technologies such as **Python** and the **Odoo Framework**.
- Development and Documentation of Web APIs: Creation of **RESTful APIs** using best practices in design and implementation, including versioning concepts. Utilization of tools like **Swagger** for documentation and **Postman** for testing, ensuring scalable, secure, and efficient **APIs**.
- Database Management: Performing queries, creating stored procedures, optimizing performance, and utilizing **ORM (Object-Relational Mapping)** methods.
- System Documentation: Creation and maintenance of documentation using **Docusaurus** to ensure project clarity.
- Use of Agile Methodologies: Application of agile methodologies such as **Scrum** to optimize development processes and ensure the continuous and incremental delivery of value to stakeholders.

Back-end Developer

PowerSolution - Order of Engineers, Praia, Santiago, Cape Verde
Feb. 2022 - Aug. 2022

- Payment Solutions Development: Creation and implementation of innovative, efficient, and secure payment systems using **MVC (Model-View-Controller)** architecture with **Spring Boot**, **Java**, and **Kotlin** technologies.
- Management and Creation of RESTful APIs: Development and maintenance of **RESTful APIs** to ensure efficient communication and integration between systems, facilitating interoperability and scalability of applications. Utilization of technologies like **Postman** for testing and **Swagger** for documentation.
- Database Management: Creation of **stored procedures**, performance optimization, and use of **object-relational mapping (ORM)** methods with **JPA (Java Persistence API)** and **Hibernate**.
- Integration with Legacy Systems: Adding new functionalities and enhancing existing ones, ensuring a smooth and effective transition to modern technologies.

SKILLS

- Python
- Odoo
- JavaScript
- React
- SQL
- MYSQL
- Java
- Kotlin

EDUCATION

University of Cape Verde

2019 - 2023

Computer and IT Engineering

LANGUAGES

Portuguese - Native

English - Advanced