

Provera Samuel

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Skills

- JavaScript | TypeScript | PHP | MSSQL | MongoDB | NoSQL | Laravel | Node | Express | React | Angular | jQuery | Git
- CI/CD | Jest | Unit Testing | OOP | Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English

Experience

Software Developer

Multitel

Luanda, LD, Angola

12/2024 - Current

- Led the development and maintenance of the **Integrated Internal Management System (SIGI)**, a platform built with **Laravel**, ensuring scalability and enabling future **API integrations**.
- Designed and implemented a **RESTful API** for the new version of SIGI, improving system architecture and performance.
- Co-managed the **Automatic Payment and EMIS Integration project**, automating payments for **B2C and B2B customers**, and designed the **payment process flowchart** to optimize transactions.
- Co-managed the **Multitel Agro project**, actively contributing to the **prototyping and development** of the first module (**sensorization + smart irrigation**):
 - Configured and integrated **Seed Studio weather station and soil sensor** into **TTN (The Things Network)**.
 - Integrated **Milesight UC51x solenoid valve controller** and **Tekelek Tank Alert** into TTN.
 - Set up **TTN integration with TagoIO** for **data visualization and consumption**.
 - Developed **Node.js scripts** in TagoIO to **process data, automate analysis, and execute sensor commands**.
- Currently managing the **Vendor Management module** in the "**Meu Mercado – A Distância de Um Click**" project, facilitating the **digitization of traditional markets** and vendor administration.
- Managing the **Fundo Multitel project**, a financial platform enabling **employees and external users** to securely **invest and save money** for financial applications:
 - Developed the **frontend with Angular** and the **backend with Laravel**, implementing **Jetstream and Sanctum** for authentication.
 - Built a **RESTful API** to streamline communication between frontend and backend.
 - Implemented **role-based access control (RBAC)** using **Laratrust**.
- Gained expertise in **full-stack development, system integration, IoT, and process automation**, alongside **technical project management** and the **development of scalable solutions**.
- I contributed to the development of the Talatona Municipality Portal by creating reusable components in Angular and implementing lazy loading in specific modules to optimize application performance in production. I was responsible for ensuring the portal's responsiveness using Tailwind CSS, leveraging its grid system to maintain a clean and visually appealing card layout across all types of devices.

Education

3rd year computer and communication engineering

Oscar Ribas University

Luanda, LD, Angola

09/2022 - 6/2025

- Merit scholarship holder

Projects

- Civil Registry Management System**: Developed a system to **streamline the civil registration process**, optimizing the workflow for document registration and management. Used **HTML, CSS, JavaScript, and Bootstrap** for the frontend, while the backend was built with **PHP and MySQL** to store and process data.
- Bakery Management System (JKarina)**: Developed a **comprehensive management system for bakeries**, including modules for **staff management, inventory control, and production monitoring**. Led the development of a **RESTful API** using **Node.js with Express and Sequelize**, ensuring a scalable and efficient backend. The frontend was built with **React.js**, consuming the API via **Axios** to create a dynamic and responsive experience.
- Sales System (Academic Project – Distributed and Parallel Systems)**: An academic project developed using a **microservices architecture**, enabling scalability and modular separation of functionalities. The system was composed of three main services:
 - Product-Service** (product management)
 - Order-Service** (order processing)
 - Auth-Service** (authentication and user management)For data storage, **MongoDB in the cloud** was used, ensuring flexibility in data management. The **frontend was built with Angular 19**, providing a modern and intuitive interface, while the backend used **Node.js with a RESTful API**.
- Academic Project (Programming 3 Course)**: Contributed to the development of a **university project** focused on creating a **prison management system**. The system aimed to **track and verify the allocation process of detainees**, ensuring they were properly heard by the **Public Prosecutor's Office** before being assigned to a district court. The project was developed using **C# and SQL Server**, providing a structured and efficient solution for managing detainee records and legal procedures.