

Proverá Manyonga 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
<ul style="list-style-type: none">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):<ul style="list-style-type: none">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:<ul style="list-style-type: none">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.			

Education

2nd year computer and communication engineering	Oscar Ribas University	Luanda, LD, Angola	09/2022 - 6/2024
<ul style="list-style-type: none">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.