

# 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
<ul style="list-style-type: none"><li>Led the development and maintenance of the <b>Integrated Internal Management System (SIGI)</b>, a platform built with <b>Laravel</b>, ensuring scalability and enabling future <b>API integrations</b>.</li><li>Designed and implemented a <b>RESTful API</b> for the new version of SIGI, improving system architecture and performance.</li><li>Co-managed the <b>Automatic Payment and EMIS Integration project</b>, automating payments for <b>B2C and B2B customers</b>, and designed the <b>payment process flowchart</b> to optimize transactions.</li><li>Co-managed the <b>Multitel Agro project</b>, actively contributing to the <b>prototyping and development</b> of the first module (<b>sensorization + smart irrigation</b>):<ul style="list-style-type: none"><li>Configured and integrated <b>Seed Studio weather station and soil sensor</b> into <b>TTN (The Things Network)</b>.</li><li>Integrated <b>Milesight UC51x solenoid valve controller</b> and <b>Tekelek Tank Alert</b> into TTN.</li><li>Set up <b>TTN integration with TagoIO</b> for <b>data visualization and consumption</b>.</li><li>Developed <b>Node.js scripts</b> in TagoIO to <b>process data, automate analysis, and execute sensor commands</b>.</li></ul></li><li>Currently managing the <b>Vendor Management module</b> in the "<b>Meu Mercado – A Distância de Um Click</b>" project, facilitating the <b>digitization of traditional markets</b> and vendor administration.</li><li>Managing the <b>Fundo Multitel project</b>, a financial platform enabling <b>employees and external users</b> to securely <b>invest and save money</b> for financial applications:<ul style="list-style-type: none"><li>Developed the <b>frontend with Angular</b> and the <b>backend with Laravel</b>, implementing <b>Jetstream and Sanctum</b> for authentication.</li><li>Built a <b>RESTful API</b> to streamline communication between frontend and backend.</li><li>Implemented <b>role-based access control (RBAC)</b> using <b>Laratrust</b>.</li></ul></li><li>Gained expertise in <b>full-stack development, system integration, IoT, and process automation</b>, alongside <b>technical project management</b> and the <b>development of scalable solutions</b>.</li></ul>			

## Education

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

## 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.