

RUSSELL SLEITHER PÉREZ SANTANA

Software Engineer | Full-Stack Dev | +3 yrs in Java,
Spring, Node.js | Builds Secure, Scalable Apps
with AI



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About Me

Software Engineer with strong experience in full stack development and project leadership. Passionate about **cybersecurity**, clean code, and building scalable, real-world solutions. Led academic and freelance projects applying engineering best practices, agile methodologies, and CI/CD tools. Focused on delivering efficient systems that bring real value to users and organizations.

Professional Experience

React Developer | TypeScript Developer

ViatecWeb (Freelance)

May 2025 – Present

There was a need for a lightweight, modern platform to showcase products and quickly generate quotes via WhatsApp for small businesses.

- Designed and developed a responsive web application with an interactive product catalog and full-featured shopping cart.
- Implemented CSV-based product loading using PapaParse, enabling easy inventory updates for non-technical users.
- Added key features such as PDF quote generation (jsPDF), cart screenshot capture (html2canvas), and direct WhatsApp integration to streamline communication.
- Used React 19, TypeScript, and Vite to build a high-performance UI with a clean, modern design.

Delivered a production-ready tool tailored for entrepreneurs, offering a complete flow from product browsing to client communication, significantly enhancing the quoting and sales process.

Full Stack Developer | IA Developer

Soluciones Integrales RODAI (Freelance)

Nov 2024 – Apr 2025 (6 months)

The company needed an AI-based platform for generating tailored resumes.

- Designed a user-friendly system that adapted CVs based on input data.
- Built the frontend using React, integrated Firebase for authentication, and used PDF.js for export functionality.
- Implemented features like voice dictation and AI-powered text suggestions.

Delivered a production-ready tool that streamlined CV creation for clients, offering dynamic templates and accessibility enhancements.

Full Stack Developer | Project Manager

Taller Autoyuc (Full-time)

Jan 2024 – Jun 2024

A local auto parts business required a solution to manage inventory and sales digitally.

- Built a full stack management system using Java (Spring Boot) and MySQL.
- Handled project planning, task delegation, and SCRUM coordination.

Optimized sales tracking and inventory workflows, significantly improving internal efficiency.

Full Stack Developer

SERVITEC Móvil (Freelance)

Jun 2024 – Dec 2024

Developed a desktop-based platform to digitize the product catalog and POS workflow.

- Managed the SCRUM process for timely delivery and clear team roles.
- Designed UI components with JavaFX and vanilla Java for desktop use.
- Built backend logic with Spring Boot and implemented secure authentication.
- Created a product/inventory module with real-time updates.

Fully digitized sales operations, improving inventory tracking, internal workflow efficiency, and system security.

Full Stack Developer | Project Manager

VIATEC (Freelance)

Jan 2023 – Jun 2023

The company needed better tracking of assemblies and sales.

- Developed a Java desktop app to manage sales and production data.
- Improved traceability, internal reporting, and data consistency.

Simplified internal processes, allowing for more informed decision-making and operational tracking.

Education

Computer Systems Engineering

Instituto Tecnológico de Mérida

2021 – Present

- Former member of the AAAIMX software division
 - 1st place winner at Hackathon 3.0 (2025) with an AI-based solution for RODAI
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Technical Skills

Front-end: JavaScript, React, Tailwind CSS, Bootstrap

Back-end: Java, Python, Go, PHP, Spring Boot, Django

Databases: PostgreSQL, MySQL

DevOps & Tools: Docker, Git, GitHub, CI/CD, Swagger (Docket), Firebase, PDF.js

Cybersecurity: Packet Tracer, FTK Imager, Linux Systems, Network Architecture, Digital Forensics

Other Skills: RESTful API Design, Agile Practices, Software Architecture