

SANTIAGO JAVIER ROTCZYN

Full-Stack & IoT Developer

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PROFESSIONAL SUMMARY

Full Stack & IoT Developer with experience building scalable SaaS platforms, government workflow systems, secure backend architectures, and real-time IoT infrastructures. Strong background in payment gateway integrations, role-based workflow engines, cloud-native deployments, and full lifecycle product development. Experienced working with international remote teams across public and private sectors.

PROFESSIONAL EXPERIENCE

Infostore Solutions Inc. — Full-Stack Developer (Barbados, Remote) | Jan 2024 – Present

- Development of national Immigration systems (Airport & digital workflow platforms).
- QEH – Queen Elizabeth Hospital: structured digital forms and workflow-based data systems.
- Ministry of Energy Barbados: intake systems and automated processing workflows.
- Security Guards Department & Fire Department digital systems.
- Government payment gateway integrations.
- Role-based access control, CRUD operations, and workflow engine implementation.

IQ Safe — Founder · Tech Lead · Full-Stack & IoT Developer | Sep 2025 – Present

- Designed and deployed complete IoT security suite.
- Firmware development and MQTT-based real-time communication.
- Experience with HiveMQ Cloud and custom Mosquitto server deployment.
- Cloud-based device orchestration and scalable backend architecture.
- End-to-end integration: hardware, backend, cloud, and mobile.

CS2 Safe — Founder & Full-Stack Developer | Sep 2025 – Feb 2026

- Built CS2 Observer platform integrating APIs, analytics, and scraping systems.
- Stack: Next.js, TypeScript, MongoDB, Vercel.
- Achieved 1,033 monthly tracked events with +76% growth peak.

CivicWire (BNO News) — Full Stack Developer | Backend Leader | Jan 2023 – Dec 2023

- MERN stack social platform development.
- Backend architecture and scalable REST API design.
- Middleware development and performance optimization.

Industria4 — Full Stack Developer | Jan 2020 – Nov 2022

- Full stack development using React, Django, and FastAPI.
- API integrations and enterprise frontend implementation.

PROJECTS

- ConfiApp Paraguay — Price comparison platform (Next.js, Node.js).
- ConfiApp Avellaneda — Marketplace platform (MongoDB, REST APIs, TypeScript).
- IQ Safe Home — IoT Security Platform (MQTT, HiveMQ, Mosquitto, Firmware, Cloud).
- CS2 Safe — Community reporting and analytics platform.

EDUCATION

- Universidad Nacional de Hurlingham — Technical Degree in Programming (2022–2024).
- Universidad Tecnológica Nacional — Advanced Testing & Software Applications (2023–2024).

TECHNICAL SKILLS

Frontend: React.js, Next.js, JavaScript, TypeScript, CSS

Backend: Node.js, Django, FastAPI, Express, REST APIs

Database: MongoDB, Relational Databases

Cloud & DevOps: AWS, Docker, Vercel, Google Analytics

IoT & Messaging: MQTT, HiveMQ, Mosquitto Server Deployment

Embedded Systems: Firmware Development, Real-Time Architectures

Mobile: Flutter