ALLAN JOSÉ ROJAS DURÁN
Senior Cloud & Full Stack Engineer

Contact Information

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Date of Birth: 1991-02-26
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Nationality: Costa Rican

Professional Summary

I'm a senior full-stack and cloud systems engineer with over 8 years of experience delivering scalable software solutions. I'm passionate about clean code, product impact, and aligning technical execution with business goals. I thrive in both independent and collaborative environments and enjoy driving innovation from concept to deployment. My focus is always on delivering high-quality outcomes and getting things done efficiently.

SKILLS

Frontend: ReactJS, React Native, Angular, Next.js, TypeScript, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Python (FastAPI, Django), Java (Spring Boot), .NET Core, GraphQL, RESTful APIs

Cloud & DevOps: AWS, Azure, GCP, Firebase, Docker, Kubernetes, Terraform, CI/CD (GitHub Actions, Jenkins, GitLab CI)

Databases: PostgreSQL, MySQL, SQL Server, Oracle, SAP HANA, MongoDB, Redis

Tools & Architecture: Git, Jira, Swagger/OpenAI, Kafka, RabbitMQ, Microservices, JWT, OOP, Agile, Domain-Driven Design (DDD)

Languages

- **Spanish**: Native
- **English**: Professional Working Proficiency (B2)

Work Experience

Senior Software Engineer in Cloud
Sep 2022 — Present | San José, Costa Rica

Senior Software Engineer in Cloud with hands-on contributions at Wind River. I design and implement scalable APIs, modular services, and internal developer tools that accelerate engineering workflows.

I helped scale an event-driven architecture that processed over **500,000 daily real-time events** through Kafka, ensuring system resilience and performance. I have strong skills in CI/CD automation, Python scripting, React Native, and UI engineering with Material UI. I thrive in Agile environments, aligning cross-functional teams around system design, clean architecture principles, and cloud-native best

Tech stack: JavaScript, Python, .NET, React, Kafka

Senior Full Stack Developer, Costa Rica Software Services
Mar 2021 — Sept 2022 | San José, Costa Rica

At **CRSS**, I tackled complex technical challenges through innovative problem-solving and delivered robust, scalable solutions across full-stack layers. I played a key role in developing the front-end of a **luxury ride-hailing app** (Uber-style) for high-end clients, focusing on responsive UI/UX, real-time updates, and smooth user flows.
Tech Stack: React, Node.js, Java, Python, REST APIs, WebSockets

Mid Backend Software, Contractor

Feb 2020 — Mar 2021 | Singapore, New York, Costa Rica

Developed an **OData web service** hosted on **SAP HANA**, integrating and normalizing data from multiple external APIs and analytics engines. Designed a plugin to seamlessly embed this service into enterprise management systems. Additionally, built a flexible web application using **React** and **.NET Core**, capable of generating dynamic workflows and interactive forms with external API connectivity.
Technologies: React, .NET Core, Python, Node.js, Java, SQL, OData, SAP HANA

Software Developer Engineer I, MicroVention-Terumo
Sep 2016 — Feb 2020 | Costa Rica

At **Terumo MicroVention**, we designed and developed full-stack web applications supporting the manufacturing of advanced medical devices. Engineered robust systems to extract and process real-time data from production equipment, ensuring traceability, compliance, and operational insight. Built scalable APIs and data pipelines using **Java**, **Spring Boot**, and **Python** to analyze machine output and store critical metrics in SQL databases. .
Technologies: Java, Spring Boot, Python, SQL, React, REST APIs, Manufacturing Data Integration

EDUCATION

Computer Engineer, Instituto Tecnológico de Costa Rica

Cartago, Costa Rica 2009 – 2014

- I studied for a bachelor's degree in computer engineering with a strong foundation in software development, algorithms, and systems architecture.

- Participated in research and collaborative projects in embedded systems and web technologies.

- Developed critical problem-solving and teamwork skills through lab-intensive courses and interdisciplinary challenges.