Rubén Siloé Reyes Vallejo

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https://www.s11o.me/ | Toluca, Mexico | github.com/s11o-4

PROFILE

Fullstack Software Engineer with two years of experience building enterprise systems for the insurance sector using React, Angular, Java, TypeScript, and Elixir. Strong algorithmic foundation from competitive programming (ICPC Regionals; former lead of Tecmilenio's BugBusters team). Currently expanding backend skills in Go.

TECH STACK

React • Angular • TypeScript • Elixir • Go (in progress) • Java • Spring Boot • Docker • Kubernetes • Redis

EXPERIENCE

Fullstack Software Engineer — Vordutec **Feb 2024 – Jan 2026**

- Delivered Compass, a fully TypeScript insurance platform (Next.js frontend) for a Costa Rica–based client.
- Built the Angular frontend for Masterhub (Elixir backend) and Brickstack (Elixir backend built end-to-end by me, shared Angular/TypeScript frontend work).
- Owned “Póliza Amigable” end-to-end: a Spring Boot backend with a PDF generation engine, plus the Angular/TypeScript frontend, for Qualitas Perú.
- Developed Brickstack, an internal system designed to accelerate product development using predefined components. For this project I had to implement a complex backend made with Elixir in order to be optimized and with a good performance.
- Supported refactors on PIFQ and across other Java, Angular, and Elixir codebases; deployed services with Docker and Kubernetes.

MY FEATURED PROJECTS

I. Personal Portfolio — Go & JavaScript

- Go & TypeScript — high-performance personal site combining my capabilities with backend and frontend engineering. Link: https://www.s11o.me/

II. Facial Expression Detection — TypeScript

- TypeScript — real-time computer vision experiment processing video streams, handling tensor calculations, and classifying facial expressions locally in the browser.

III. Layer 7 Reverse Proxy & Load Balancer — Go & TypeScript

- Go & TypeScript — concurrent TCP/HTTP reverse proxy featuring round-robin load balancing, active health checks, and a real-time WebSocket telemetry dashboard.

EDUCATION

B.Eng. in Software Engineering, Tecmilenio University *Aug 2022 – Aug 2026*

LANGUAGES

- Spanish: Native
- English: Working proficiency