JULIAN SOTO

Senior Software Engineer | TypeScript & Modernization Specialist Buenos Aires, Argentina | +54 9 11 3066 6369 | juliansoto.dev@gmail.com linkedin.com/in/full-stack-julian-soto | github.com/juliandeveloper05 | juliansoto-portfolio.vercel.app/es

PROFESSIONAL SUMMARY

Senior Software Engineer with a unique hybrid background bridging mission-critical Mainframe systems (COBOL/Db2) and modern Cloud architectures (TypeScript/React 19). Expert in solving complex algorithmic challenges, optimizing data structures, and executing legacy-to-modern migrations. Proven track record in technical writing, code quality assurance, and building scalable SaaS products using cutting-edge web standards. Seeking to leverage deep engineering expertise in AI training and advanced software development roles.

TECHNICAL SKILLS

Core Languages: TypeScript (Advanced), JavaScript (ES6+), Node.js, COBOL, SQL.

Frontend Ecosystem: React 19, Next.js, Tailwind CSS 4.1, Vite, Web Audio API, FSM (XState).

Backend & Data: MongoDB, Db2, PostgreSQL, RESTful APIs, NextAuth, Stripe Integration.

Engineering Practices: System Architecture, Algorithms & Data Structures, CI/CD, Git, Agile/Scrum, Technical Documentation.

Languages: English (Professional Proficiency), Spanish (Native).

PROFESSIONAL EXPERIENCE

Senior Full Stack Engineer (Independent Contractor) Remote | 2024 – Present Architecting scalable full-stack solutions for high-performance SaaS products and e-commerce clients.

SaaS Product Architecture (Bass Academy): Architected and launched an interactive music education platform. Engineered a gamified learning engine using React 19, Web Audio API, and Finite State Machines (FSM), creating immersive, low-latency audio experiences.

Performance Optimization: Implemented React Compiler optimizations and custom hooks (Service Pattern) to manage complex state logic, ensuring maintainability and rendering efficiency.

Scalable E-Commerce Solutions: Designed custom headless e-commerce architectures replacing rigid templates. Implemented MongoDB schemas for dynamic inventory management and integrated Stripe for secure international payments.

Quality Assurance & Testing: Conducted rigorous debugging sessions and implemented testing strategies to ensure logical accuracy and system reliability aligned with business goals.

Senior Full Stack Developer | Soul Solutions Buenos Aires, Argentina | 2020 – 2024 Led the maintenance and modernization of critical production systems for enterprise clients.

Legacy Integration & Modernization: Bridged the gap between COBOL/Db2 legacy data and modern web interfaces. Refactored batch processing logic to expose real-time data via RESTful APIs.

Full Stack Development: Built and maintained internal dashboards using Node.js and React, enabling non-technical stakeholders to visualize complex database metrics.

Code Quality Leadership: Established code review protocols and mentored junior developers on clean code principles, reducing production bugs by implementing rigorous testing phases.

Agile Execution: Collaborated with cross-functional teams to define sprint scopes and resolve high-priority architectural blockers in distributed systems.

Operations & Technical Analyst | GV Comunicaciones Buenos Aires, Argentina | 2018 – 2020

Managed complex network infrastructure (LAN/WAN) and Ubiquiti systems, applying analytical troubleshooting to resolve hardware and software conflicts in high-availability environments.

Optimized operational workflows using Scrum methodologies, improving team response time to client incidents and maintaining direct client communication.

EDUCATION
Bachelor of Computer Science (Candidate) Universidad Nacional de Quilmes | Buenos Aires Focus on Algorithms, Data Structures, and System Architecture.

Full Stack Software Development APX School | 2024 Intensive specialization in Modern Web Technologies (MERN Stack).