Mario Saul Software Engineer & Full Stack Web Developer

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> About me

Full Stack Web Developer with **9+ years** of experience building **user-centric, high-impact products** for startups and leading companies. Proven expertise in leading teams, designing scalable architectures, and developing AI-powered, big-data solutions.

> Technical Skills

Backend & DevOps: Node.js (Express, NestJS), Ruby on Rails, REST, GraphQL, SQL, MongoDB, Redis, ElasticSearch, AWS, Data Streaming (Kinesis), Docker, Kubernetes, CI/CD, Git, OS & Network
Frontend: React, Next.js, Vue.js, Angular, JavaScript (ES6+), TypeScript, HTML, CSS/Sass/Tailwind, Webpack, Web Performance
Other: Unit/Integration/E2E Testing, Scrum, Leadership

> Work Experience

Konnecto // 2023 - 2025
Full-Stack Web Developer & Team Lead
- » Designed and implemented a **new version of the company's core application**
- » Led a **data trend detection and alert generation system**, enhancing data-driven decision-making
- » Developed an **AI-powered Q&A service** using OpenAI's API, enabling deeper insights from large datasets
- » Built a robust, end-to-end **data integration pipeline** to aggregate client **data from multiple platforms, normalize it, and seamlessly incorporate it** into our ecosystem, enhancing the accuracy of insights provided

Warner Music Group (IMGN Media) // 2020 — 2023
R&D Team Lead
- » Led **two engineering teams** in building real-time, big-data applications, serving **millions of users**
- » Designed a **scalable cloud-based infrastructure** to **process, store, and present streamed live events**
- » Built a **high-performance A/B testing system** with management, assignment, measurement, and automation
- » Improved **browser compatibility and Core Web Vitals**, enhancing UX and boosting revenue
- » Consolidated **10+ standalone Vanilla JS websites** into a unified, **configurable** template-based **Next.js project**
- » Optimized **development workflows and quality standards**, improving team collaboration and efficiency

WyeWorks // 2017 — 2019
Full-Stack Web Developer
Illume Health
- » Led a **4-person team** on end-to-end feature development, from **product design to deployment**
The RealReal
- » Developed **critical microservices and algorithms** that improved **performance and compliance**
Emeritus
- » Integrated a new **Rails-based authentication system with Salesforce**, including **SSO IdP integration**

Rootstrap // 2016 — 2017
Full-Stack Mobile Developer
- » Developed **innovative mobile applications**, including a **messaging extension** and a **location-based social chat app**

> Education

BSc in Software Engineering (US MSc equivalent), Ranked Top 5% of the class // 2013 — 2019
📍 **Facultad de Ingeniería de la Universidad de la República - Uruguay**
- » **Thesis:** Designed an **ETL system** integrating data from multiple sources, enabling university teachers to **analyze, predict, and report student performance using machine learning.**

> Languages

🇪🇸 Spanish Native | 🇺🇸 English Proficient | 🇮🇱 Hebrew Proficient