

Nicolás Francisco Ramírez Sandoval

Valparaíso, Chile

+56 9 7281 8208 | n2.9ramirez@gmail.com | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 3+ years of experience building scalable web applications using React, TypeScript, and Node.js. Experienced in designing secure APIs, modern frontend architectures, and cloud-based systems on AWS. Led the end-to-end development of a SaaS emergency management platform used to coordinate operational resources and inventory tracking. Passionate about building reliable systems that solve real-world operational problems.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL

Frontend: React 18, Next.js 14, TailwindCSS, TanStack Query, Zustand, Vite

Backend: Node.js, NestJS, Express, Prisma ORM, REST APIs, tRPC

Databases: PostgreSQL, MySQL

Cloud & DevOps: AWS (EC2, RDS, S3), Docker, GitHub Actions (CI/CD), Vercel, Linux

Engineering: Clean Architecture, SOLID, Domain-Driven Design, API Design, Testing

PROFESSIONAL EXPERIENCE

NFR Innovaciones Web SpA

Full-Stack Software Engineer — BRYSA Emergency Management Platform

Remote / Chile

03/2024 – Present

- Led the end-to-end development of a SaaS platform for emergency operations management used to coordinate personnel, incidents, and critical inventory.
- Designed and implemented a scalable REST API using Node.js, NestJS, and PostgreSQL.
- Built modern frontend architecture with React, TypeScript, and TailwindCSS.
- Implemented secure authentication (JWT), data validation, and role-based access control.
- Automated deployments using Docker and GitHub Actions CI/CD.
- Managed cloud infrastructure on AWS (EC2, RDS, S3).
- Digitized manual operational workflows, improving operational coordination and inventory traceability.

EDUCATION

Universidad de Playa Ancha (UPLA)

Civil Engineering in Informatics (5th Year)

Valparaíso, Chile

2021 – Present

OPERATIONAL EXPERIENCE

BRYSA — Nueva Centinela Project

Emergency Brigade Member & Communications (CECOM) Leader

Chile

2024 – Present

- Supervision of emergency communications center and operational coordination during incidents.

Valparaíso / Quilpué Fire Department

Central Operator & Volunteer Firefighter

Chile

2021 – Present

- Managed emergency communications and coordinated response resources in high-pressure situations.

CONAF — National Forestry Corporation

Regional Central Operator / Forest Firefighter

Chile

2019 – 2024

- Coordinated logistics and monitoring of wildfire incidents, including air and ground resources.

CERTIFICATIONS & ADDITIONAL INFORMATION

- Certifications:** PHTLS-FR (Basic Life Support), HAZFIRE (Hazardous Materials).
- Languages:** Spanish (Native), English (Professional reading/writing, conversational speaking).
- Availability:** Immediate.