

IGNACIO RODRIGUEZ RULAS

Software Engineer

Santiago, Chile – ignaciofabian93@gmail.com – (+56) 949539024 – www.linkedin.com

Software Engineer with 5+ years of experience in full-stack development and a focus on building scalable web and mobile applications. Experienced in React, Next.js, and cloud-based solutions, with a passion for continuous learning and improving system performance. Adaptable and comfortable working in diverse environments, with international experience in Chile and Ireland. Looking forward to contributing my skills to Canada's tech industry while growing professionally.

Experience

Walmart – Chile

Software Engineer III | *September 2024 – Present*

- Leading the migration and customization of features from Walmart US to tailor the web application for the Chilean market.
- Developing and maintaining a monorepo architecture using Next.js with NX for efficient code management.
- Managing and enhancing GraphQL gateways and subgraphs to streamline data integration across services.
- Analyzing system metrics and performance using Grafana and Splunk to ensure reliability and continuous improvement.
- Driving adherence to best practices throughout the development lifecycle to uphold high-quality standards and maintain robust, scalable systems.

Agrosat – Chile

Full Stack Developer | *April 2023 – September 2024*

- Developed mobile and web applications using Next.js, focusing on dashboards and form-based apps tailored for the agricultural industry.
- Designed and implemented APIs, managing PostgreSQL and MySQL databases to ensure efficient data handling and storage.
- Led the full development lifecycle, from planning and architecture to testing in virtualized environments and deployment.

Freelance – Chile / Ireland

Full Stack Developer | *November 2020 – April 2023*

- Built responsive websites for startups, including restaurants and brokers, ensuring seamless UI/UX and mobile-friendly designs.
- Developed and integrated custom contact forms to enhance client interaction and data collection.
- Delivered end-to-end solutions, from requirements gathering to final deployment.

Skills

Languages & Frameworks

- JavaScript | TypeScript | Python | SQL | Go
- Node | Express
- Expo | React Native
- React | Next | Vite | NX
- Apollo client | Apollo server
- GraphQL
- Zustand | Redux

Databases

- MySQL | PostgreSQL | SQLite | MongoDB

System & Virtualization

- Linux (Ubuntu, Kali, Fedora) | MacOS | Windows
- VirtualBox

DevOps & Containers

- Docker
- Deployment and testing in virtualized environments

Monitoring & Analysis

- Grafana | Splunk

Tools & Utilities

- Git
- Postman
- Web performance optimization

Education

Cisco

Ethical Hacker | *December 2024 – February 2025*

- Ethical hacking foundations
- Planning and scoping
- Information gathering
- Social engineering
- Wired and wireless networks exploitation
- Application-based vulnerabilities exploitation
- Cloud, mobile and IoT security
- Reporting and communication

Coursera / Google

Cybersecurity Analyst | *April 2024 – June 2024*

- Cybersecurity foundations
- Analysis and detection systems
- Python for automating process
- Networks and network security
- Linux and SQL
- Assets, treats and vulnerability management

Coding Dojo

Full Stack developer | *August 2023 – November 2023*

- Intensive bootcamp focusing on full stack development with an emphasis on the MERN stack (Mongo, Express, React, Node)

Cork English College - Ireland

Advanced English | *June 2022 – December 2022*

- Six-month English language program in Ireland, reaching C1 level
- Prepared for the IELTS Academic exam, achieving an overall score of 6.5
- Lived in Cork for seven months, combining work and study to enhance language skills and cultural experience

Universidad Santo Tomás

Sound Engineering | *March 2012 – January 2016*

- Record, edit, mix, and mastering audio on professional studios
- Design and implementation of electroacoustic systems
- Acoustic treatments and isolation techniques

Achievements

Honorific Mention – Sound Engineering:

Recognized for academic excellence and awarded Best Student for two consecutive years at Universidad Santo Tomás.

Black Belt – Coding Dojo:

Earned the Black Belt, the highest distinction awarded by Coding Dojo, for demonstrating advanced full-stack development skills and consistently excelling in complex projects and assessments. This achievement is given to top performing students who exceed expectations in the MERN stack (MongoDB, Express, React, Node.js) curriculum.