

# IGNACIO RODRIGUEZ RULAS

## Software Engineer

Santiago, Chile – [ignaciofabian93@gmail.com](mailto:ignaciofabian93@gmail.com) – (+56) 949539024 – [www.linkedin.com](http://www.linkedin.com)

Software Engineer with 5+ years of experience in full-stack development, specializing in **React, Next.js, and GraphQL/REST APIs**. I am passionate about building **scalable web and mobile applications**, optimizing system performance, and driving innovation. Proven ability to adapt to **diverse environments**, with **international experience in Chile and Ireland**. Actively seeking opportunities in **Canada's tech industry** to contribute expertise while continuing to grow 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.
- Collaborating with cross-functional teams from the US, Canada, India and Mexico to ensure seamless feature integration.

### 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.

## 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

### 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.