



TOMÁS RIBES

SOFTWARE ENGINEER

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PROFESSIONAL PROFILE

Software Engineer with solid Full-Stack experience and a passion for technological innovation. Specialized in developing scalable applications, mobile solutions, and integrated web systems. With a focus on agile methodologies and process automation, I aim to contribute to collaborative teams through cutting-edge technologies, workflow optimization, and system integration.

EDUCATION

Universidad Empresarial Siglo 21

Software Engineering
2021 – 2025

Instituto de Intercambio Cultural Argentino Norteamericano (IICANA)

4th Intermediate Level
2018 – 2019

TECHNICAL SKILLS

- Frontend: Angular, React, React Native, Expo, Next.js
- Backend: Nest.js, Express.js, REST APIs, WebSocket
- Languages: PHP, JavaScript, TypeScript
- Databases: MySQL
- Other: UML, Software Analysis and Design, Process Automation, Systems Integration, Requirements Gathering and Analysis.

LANGUAGES

- SPANISH (Native)
- ENGLISH (Intermediate)

PROFESSIONAL EXPERIENCE

Outside The Box | Full-Stack Software Developer

Sep 2023 – Jun 2025

- Consulting for TÜV Rheinland Argentina, optimizing business processes.
- Development of mobile applications (React Native, Expo) and web systems (React, Next.js, PHP).
- Design and implementation of backend services and process automation (Node.js, Nest.js).
- Close collaboration with the TÜV Rheinland Argentina team to identify business requirements and provide solutions.
- Systems integration.

Roadmach | Full-Stack Software Developer

Apr 2024 – Present

- Developed a comprehensive web platform for a construction equipment rental and sales company, optimizing product management and customer service.
- Built a dynamic platform using Angular, including sections for product catalog, corporate information, and customer inquiries.
- Implemented a back-office system to efficiently manage requests and inquiries from the team.
- Developed a RESTful API with Nest.js for catalog management, user authentication, and automated notifications.

Municipality of Villa Carlos Paz | Full-Stack Software Developer

Mar 2023 – Apr 2024

- Led the development of municipal systems for real-time monitoring and digital transformation.
- Developed a telemetry system for water pumps in PHP, enabling level tracking, alerts, and historical analysis.
- Designed and implemented a climate telemetry platform using Angular, Node.js, and Express.
- Improved the Human Resources system by integrating new modules and optimizing interoperability with administrative tools.