

Franco Matías Ravera

Full Stack Developer | Backend-Focused | Node.js | NestJS | Angular | React | Next.js | TypeScript | SQL | REST APIs | GraphQL | Cloud

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL PROFILE

Mid-level Full Stack Developer with over 2 years building software that is in production today with real clients. I work both ends of the product, with my specialty on the backend: that is where I make the architecture calls and where I contribute most.

I design and implement REST and GraphQL APIs, microservices, integrations with external services, process automation and real-time communication over WebSockets, using Node.js, NestJS and TypeScript on modular, decoupled architectures that stay predictable under high concurrency.

I work with relational and non-relational databases —PostgreSQL, MySQL, SQL Server, MongoDB and Redis— modelled with Prisma, TypeORM and Sequelize. I design the schema and optimise query performance on databases that are already live, caring about performance, consistency and data quality.

On the frontend I build the interfaces that consume those APIs with Angular, React and Next.js, and I own the cycle through to production: containers with Docker, CI/CD and cloud deployment (Google Cloud Run, Firebase, AWS), with the services monitored after the deploy. I add applied AI when the product needs it: conversational assistants and automated support on external AI APIs.

I stand out for teamwork and clear communication, both with technical profiles and with business areas. I am autonomous and resourceful when facing complex problems, and I am results-oriented with a focus on continuous improvement.

SKILLS

TECHNICAL

Backend: Node.js | NestJS | Express.js | TypeScript | REST APIs | GraphQL | WebSockets | Microservices | Process automation | External API integration | Jest | Redis

Databases & ORMs: PostgreSQL | MySQL | SQL Server | Oracle | MongoDB | Redis | Prisma ORM | TypeORM | Sequelize | SQL | NoSQL

Frontend: React | Next.js | Angular | Redux | TypeScript | Tailwind CSS | Material UI | PrimeNG | HTML5 | CSS3

Cloud & infrastructure: Google Cloud Platform | Cloud Run | Firebase | AWS | Docker | CI/CD | PM2

Tools: Git | GitHub | Postman | Cloudinary | Mercado Pago | Figma | Draw.io | Trello | Jira | Slack

INTERPERSONAL

Teamwork and effective communication, both with technical profiles and with business areas. Autonomy to take tasks end to end and proactivity to anticipate problems before they reach production. Analytical thinking and complex problem solving, with attention to detail in the code and in the data. Adaptability and continuous learning across new domains and technologies, with time management and a results-oriented approach.

EXPERIENCE

Full Stack Developer – 18Dev

January 2025 – Present | Buenos Aires, ARG | Remote

I work both ends of the product for enterprise clients: I build and maintain scalable APIs with Node.js, NestJS and TypeScript, and I build the Angular and Next.js interfaces that consume them. I design, optimise and maintain the SQL databases behind them, improving the performance and stability of systems already in production.

- Buhl: a centralised platform that unifies the processes and data of eight companies in the group into a single system, integrated with the Tango ERP to sync administrative information and feed the business indicators.
- Claro: automated calculation of PUE, the energy efficiency index of a data centre. It extracts sensor metrics from OpenSearch in batches, detects anomalous readings and publishes the minimum, maximum and average of each run.
- Hyundai Seoul: a lead management CRM that centralises WhatsApp Business conversations into a single inbox, with real-time chat over WebSockets and tracking of every lead through statuses, tasks and automated notifications.
- Kalpa Group: a truck weighing and fuel dispatch management system, built on the corporate SQL Server database where the SAP documents live, with double weighing on entry and exit against orders and transport instructions.
- Patagonia Flooring: the same CRM adapted to the flooring and wall coverings business, adding an analytics module that measures commercial performance on the leads captured.
- Volkswagen: an internal survey and feedback analytics system for the dealership network, with WhatsApp integration for client follow-up.

I also implement security, scalability and process automation strategies across systems; I write unit tests with Jest to guarantee code quality; and I work with Docker containers and deployment practices aimed at production environments.

Full Stack Web Developer – Blu Realty & Investments

September 2024 – January 2025 | Miami, FL, USA | Remote

I built full stack web applications for a real estate company, focused on automating commercial work: lead capture and follow-up, document generation and AI assistants inside the sales flow.

- Zoho CRM integrations: automatic lead creation, contract generation and triggers written in Deluge to sync data across platforms.
- A conversational AI assistant with speech-to-text and text-to-speech, handling client queries with no manual work and cutting response times.
- Deployment and maintenance on Google Cloud Run and Firebase, keeping availability and performance in production environments.

Technologies used: Node.js, TypeScript, React, REST APIs, Zoho CRM, Deluge, Google Cloud Run, Firebase and external AI APIs.

PROJECTS

ADM Consorcio – Building and HOA management platform

January 2025 – Present | Paraná, Entre Ríos, Argentina

Role: Full Stack Developer

A web platform for property managers, running with real clients today. It centralises buildings, units, owners and tenants, and automates the full expense cycle: billing, issuing, collection and debt tracking. I worked on both backend and frontend.

- PDF generation of the monthly expense statements, ready to send to each unit.
- Automatic notifications when a payment is registered.
- Late-fee calculator for overdue balances.
- CronJobs that recalculate interest and update debt states with no manual work.
- Scalable APIs with NestJS, TypeScript, PostgreSQL and TypeORM, and admin interfaces in Angular and PrimeNG.

Technologies used: NestJS, TypeScript, PostgreSQL, TypeORM, Angular, PrimeNG, CronJobs and REST APIs.

AI Voice Chat Bot – Real-time conversational voice assistant

December 2024 – January 2025 | Personal project | Paraná, Entre Ríos, Argentina

Role: Full Stack Developer

A chatbot able to hold conversations by text and by voice in real time, with speech recognition and synthesis so the interaction feels continuous and natural.

- Node.js backend with real-time communication over WebSockets.
- Integration with external AI APIs for text generation and speech synthesis.
- React frontend with voice capture, response rendering and audio playback.
- Conversation flow designed to adapt to different user contexts.

Technologies used: Node.js, WebSockets, React, TypeScript, external AI APIs, Web Speech API and HTML5 Audio.

Rodar – Car dealership platform

August 2024 – Present | Paraná, Entre Ríos, Argentina

Role: Full Stack Developer

The catalogue customers browse and the panel where the dealership keeps its inventory up to date. I built it end to end and I still maintain it, from the database design through to the interface.

- Admin panel to add units, update their details and publish or pull them from the catalogue without touching code.
- Photo galleries per vehicle: images are uploaded to Cloudinary and served already optimised, so the catalogue stays fast even with dozens of shots per unit.
- Role-based authentication and authorisation: only the dealership's admin users can change the inventory.
- NestJS and TypeScript backend over MySQL with Prisma ORM, in a layered architecture.

Technologies used: TypeScript, NestJS, MySQL, Prisma ORM, Cloudinary, Next.js and React.

EDUCATION & LANGUAGES

Full Stack Web Developer — Henry Bootcamp, 2023 — 800 hours of theory and practice.

Languages: Spanish (native) · English (intermediate, B1)