

Nicolás Francken

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EXPERIENCE

FuseAI (YC W25) - Remote | VP of Engineering (May 2025 – Present)

Lead engineering strategy, product execution, and technical decision-making for a B2B AI startup. Own multiple products end-to-end, lead the company's agentic AI initiatives, and work across engineering, product, and design.

- Lead a full frontend refactor, improving architecture, scalability, and developer experience
- Manage and mentor a team of 6 engineers, setting technical direction and raising code quality standards
- Help scale the company from 0 to 100 B2B clients through product ownership and execution
- Own key product and engineering decisions with high autonomy
- Lead the company's agentic AI initiatives, designing and implementing agent-based systems and workflows
- Review code and enforce best practices in architecture, maintainability, and system design
- Lead the design team to align user experience, product goals, and technical execution

Holafly - Remote | Senior Backend Developer (Oct. 2023 – May 2025)

Worked as a Backend Developer focused on building scalable backend systems for a travel-tech platform.

- Developed and maintained APIs to support efficient eSIM loading
- Built high-volume APIs using queues, Redis, and clean architecture practices
- Designed scalable, high-performance systems to support platform growth
- Collaborated with cross-functional teams to ensure smooth integration across the stack
- Improved database performance and implemented robust APIs for reliability and scalability

LIKA Software - Remote | Frontend Tech Lead (Mar. 2022 – Oct. 2023)

Led frontend teams in delivering client product goals, managing execution, team coordination, and cross-functional collaboration.

- Led a team of 10+ members
- Drove process improvements and tested new ways of working
- Implemented an objective-based workflow to improve efficiency
- Standardized processes to create a more effective work environment

Dezure - Argentina | Senior Full Stack Developer (Jan. 2021 – Mar. 2022)

At Dezure, I was a member of a dynamic team specializing in the development of web applications for both B2B and B2C clients. Our focus areas included AI implementation, E-Commerce solutions, and the creation of custom web pages.

- Proposed project ideas and suggested valuable improvements that have enhanced application performance
- Designed and implemented applications for businesses, with features for inventory control and employee management
- Oversaw a full team to ensure efficient project execution

Freelancer - Remote | Full Stack Developer (Jan. 2020 – Mar. 2022)

Delivered full-stack solutions for clients, ranging from landing pages to business applications.

- Built data structures and application patterns that improved organization, retrieval, and system performance
- Developed landing pages focused on usability, performance, and user engagement
- Built e-commerce solutions with payment processing, inventory management, and product catalog features
- Designed and implemented business management applications to improve client workflows and data handling

EDUCATION

University of Comahue - Software Engineer (Jan. 2020 – Dec 2022)

- Completed 3 full years of coursework
- Achieved an impressive academic performance with an average grade of 9

ADDITIONAL INFORMATION

Programming languages

- Javascript/Typescript (7 years)
- HTML/CSS (7 years)
- Python (3 years)

Technologies

- React, Next (7 years)
- Node, Express, Nest (7 years)
- LangChain, RAG, fine-tuning, agents, tool calling, guardrails, structured output (4 years)
- Databases – MongoDB, PostgreSQL, MySQL, DynamoDB, Vector Storage (7 years)
- ORMs - Sequelize, Mongoose, Prisma, Supabase
- AWS, GCP, Docker, Vercel, Kubernetes, AWS Lambda, CI/CD, Serverless, Cloud Infra, RabbitMQ, Kafka (7 years)