

Nicolas Dartayeta

Software Engineer

Buenos Aires, Argentina

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SUMMARY

Young professional with a solid academic formation in Software Engineering. Currently looking for opportunities where I can apply my knowledge and contribute to innovative solutions. Specially interested in Machine Learning and AI related roles.

EXPERIENCE

Junior Software Engineer, ISISTAN

November, 2024 – June, 2025

Tandil, Buenos Aires, Argentina

- Designed, planned, and developed a digital marketplace from the ground up.
- Utilized modern technologies to develop a digital marketplace focused on food waste reduction, collaborating with a team of 4 other developers.
- Tech Stack: Bun.js, Astro, React, Tailwind, PostgreSQL, Git, and Docker.

Junior Software Engineer, MarketPlace Motors

January, 2026 – Present

Remote, Argentina

Leading the end-to-end development of a greenfield digital vehicle marketplace. Responsible for architecting the core platform from the ground up, selecting optimized tech stacks for specific services, and implementing AI-driven automation for marketplace integrity.

- Designed and implemented a dedicated real-time chat microservice. Selected Node.js over the primary PHP backend to leverage its asynchronous event-driven capabilities, ensuring a scalable and low-latency communication experience for users.
- Developed a specialized Python service for automated vehicle listing examinations, engineering a 2-step validation with regular expressions (fast, affordable) and a locally hosted Small Language Model and Computer Vision model for further verification.
- Architected a secure PHP/MySQL foundation, establishing robust authentication/authorization protocols and designing a scalable database schema for high-volume vehicle data.
- Developed a modern frontend: Leveraged Next.js to build a responsive, high-performance UI, seamlessly integrating complex features like real-time messaging and dynamic vehicle listing states.

EDUCATION

Systems Engineering

2021 – 2025

Universidad Nacional del Centro de la Provincia de Buenos Aires, Tandil, Buenos Aires, Argentina

Graduated with an average of 8.61/10

COURSES

PyTorch for Deep Learning Professional Certificate

December, 2025 – February, 2026

DeepLearning.AI, Online

SKILLS

ML & AI: PyTorch, CNNs, RNNs, Transformers, Fine-tuning/Transfer Learning

Programming Languages: Python, JavaScript, TypeScript, PHP, SQL, Git, Shell

Tools and technologies: Git, Docker, NextJS, Tailwind, Linux based systems, Postman

Soft skills: Communication, Teamwork, Problem solving, Time management

Languages: Spanish, English