

Juan Martin Canguillen

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Software Engineer | Backend Developer | Full-Stack Developer

PROFESSIONAL SUMMARY

Full Stack Developer with hands-on experience shipping web applications using Django, Node.js/Nest.js and React (TypeScript). Delivered several freelance projects and production features during an internship, including a data-analysis dashboard with interactive charts and ML models. Strong in system design (UML, design patterns), PostgreSQL (raw SQL & ORM), Docker, REST APIs, WebSockets, and automated testing (PyTest). Comfortable in Agile teams, performing code reviews, and deploying to production.

TECHNICAL SKILLS

- **Programming:** Python, JavaScript (TypeScript), SQL, Bash, C#, HTML/CSS
- **Backend:** Django, Node.js, NestJS, PostgreSQL, MySQL, REST APIs, WebSockets
- **Frontend:** React, TypeScript, React Query, Recharts, responsive design
- **Data Engineering:** ETL pipelines, data transformation, data validation, quality assurance, graph data structures
- **DevOps:** Docker, Git, GitHub Actions, CI/CD pipelines, automated testing (PyTest)
- **Architecture:** System design, UML, design patterns, database modeling
- **Security & Auth:** JWT, OAuth2, HTTPS/SSL, OWASP best practices
- **Standards:** ISO/IATA compliance, regulatory compliance, data governance
- **Methodologies:** Agile (Scrum/Kanban), code reviews, production deployments.
- **Languages:** English (C2-Advanced) - Spanish (C2-Native) - Portuguese (A2-Beginner)

PROFESSIONAL EXPERIENCE

- **Software Engineer - Pergamon Advertising - Remote — Dec 2025 → Present**
Software Engineer delivering end-to-end solutions: analysis, design, backend, frontend, and databases.
- **Freelance Full Stack Web Developer - Remote — Sep 2024 → Present**
Developed web applications for clients using Django and React. Built responsive UIs, REST APIs, and implemented user authentication and admin features.
- **Data Network Engineer - ITBA - Remote — Sep 2025 → Dic 2025**
Building enterprise-grade ETL pipelines for critical infrastructure network analysis across several global verticals including telecommunications, smart cities, energy grids, and blockchain networks.
- **Full Stack Developer - Afrus Org - Remote — Sep 2025 → Dec 2025** - Developing Front and backend features applying software engineering principles.
- **Software Engineer Intern - Blue Alba LLC - Remote — June 2025 → Sep 2025**
Full SDLC in a 4-person team: designed UML and features, implemented a responsive data-analysis dashboard (React + Recharts) and APIs, containerized with Docker, and managed PostgreSQL migrations and tests.
- **1 Hotel / Boucher Brothers – Miami Beach, USA - Beach Attendant & Cashier – Dec 2023 to Mar 2024**
and Dec 2024 to Mar 2025
Managed POS operations and high-volume customer service in an international environment.

PROJECTS

- **Auction Website** - Django, PostgreSQL, Django Channels, WebSockets, JWT, Docker, PyTest — Real-time bidding with role-based auth and resilient DB migrations.
- **Ticket Management System** - Django + React, REST API, Docker, PyTest — CRUD, admin panel, role-based auth.
- **Landing Pages - (Portfolio + Clients)** - Next.js + TypeScript + React: portfolio (SSG/SSR, image optimization, SEO, Vercel, unit tests) + client (responsive, accessible, contact API, performance — Lighthouse>90, Netlify); CI (GitHub Actions), Docker.

EDUCATION

- **Universidad Empresarial Siglo 21 (UES21), Córdoba, Argentina** - Bachelor of Science in Computer Software Engineering – Oct 2025 – Present
- **Universidad Tecnológica Nacional (UTN), La Plata, Argentina** - Bachelor in Information Systems Engineering — 4th year student - 2022 – Oct 2025
- **Nuestra Señora de Luján, La Plata, Argentina** - High School Diploma – Social Sciences - 2016 - 2021