Federico Egea

Full Stack Software Developer · Python / Django · React

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SUMMARY

Full stack developer with hands-on experience designing, building and running in production a complete management system from scratch, with a Django / Django REST Framework backend and a React frontend. As head of the IT area at Grupo Cysol I owned the full lifecycle: gathering requirements with users and management, data modeling, development, deployment, infrastructure and support. Final-year student of the Software Development degree at UADE. Looking for a backend or full stack Software Developer role where I can join an engineering team and keep growing in architecture, testing and best practices.

EXPERIENCE

Software Engineer & Head of IT — Grupo Cysol

Buenos Aires · Aug 2025 – Oct 2026

- Designed and built from scratch **Cysol SGT**, a management system for outsourced maintenance companies: employees, tasks and assignments, schedules and attendance, photo evidence, QR codes, inventory, machinery, claims, reports and analytics. Includes separate roles for client company, supervisor and employee, and recurring tasks defined with RRULE (iCalendar) rules.
- Built the REST API with Django and Django REST Framework and the React frontend; modeled the relational database and business workflows for processes that previously had no digital record.
- Owned infrastructure and deployment: Docker-based services, Nginx as reverse proxy and Linux server administration.
- Migrated the company's ticketing system from a legacy server to the SGT production server, coordinating the cutover and decommissioning of the old server, and put its code under version control on GitHub.
- Gathered requirements with management and clients and turned them into features; trained operations teams to drive adoption of the systems.
- Built custom corporate websites and intranets, and handled the company's IT support and infrastructure.

Stack: Python, Django, DRF, React, JavaScript, PostgreSQL, Redis, Docker, Nginx, Linux, Git/GitHub.

PERSONAL PROJECTS

ShootLab — fegeadev.com/tiros

PHP · Laravel · Inertia · React

Web app to log and analyze basketball shots by player and court position, with shooting percentages and historical stats. Live in production; being prepared as a subscription SaaS product (Individual, Team and Club plans).

Rental management system

PHP 8.3 · Laravel · Inertia · React

SaaS for real estate agencies and individual landlords: properties, tenants and leases with late fees and inflation (IPC) adjustments, payment tracking with receipts, owner settlements, collections and debt analytics, property map, email alerts and Excel import.

Full stack notes app

Java 17 · Spring Boot 3 · React 18 · PostgreSQL

Notes with categories, archiving and advanced filtering. Layered backend with JPA/Hibernate and a documented REST API; React SPA with custom hooks, Context API and Axios.

ERP for a technology company

Frappe / ERPNext · Python · MariaDB · Docker

Frappe-based implementation covering inventory, purchasing, suppliers, sales and invoicing, finance, CRM and HR, with role-based permissions and data migration scripts from spreadsheets and legacy systems.

EDUCATION

University Technical Degree in Software Development — UADE (Universidad Argentina de la Empresa)
2023 – present (final year). Planning to continue with a Computer Engineering degree.

COURSES AND CERTIFICATIONS

- AWS Academy Cloud Architecting — UADE
- Red Hat System Administration I — UADE
- Cisco CCNA 1 — UADE · CCNA 2 in progress
- Python 3 — UTN · Excel Fundamentals — UTN

TECHNICAL SKILLS

Backend: Python (Django, DRF), Java (Spring Boot), PHP (Laravel), Node.js

Frontend: React, JavaScript, HTML, CSS, Inertia

Databases: PostgreSQL, MySQL, SQL Server, Redis

Infra / DevOps: Docker, Nginx, Linux (Red Hat), AWS, Git / GitHub

ERP: Odoo, ERPNext

Other: REST APIs, requirements gathering, AI-assisted development