Nil Bacardit Vinyals



Python Backend & DevOps Engineer | Co-CTO

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PROFILE

Python backend engineer and technical leader working across API architecture, asynchronous services, and production infrastructure. Co-CTO at Iskra, combining hands-on development with Kubernetes operations, delivery automation, and developer mentoring. Contributor to the Plone and Guillotina open source ecosystem.

EXPERIENCE

Co-CTO / Backend Architect / DevOps Engineer 2019–Present

Iskra | Manresa, Barcelona

- Lead technical strategy and architecture across Python backend services, APIs, and application infrastructure.
- Design asynchronous Python services and REST APIs; guide developers on service boundaries, architecture, and production troubleshooting.
- Operate Kubernetes clusters and Helm deployments, including bare-metal infrastructure and application environments.
- Maintain Jenkins and GitHub Actions pipelines for release automation, repeatable deployments, and developer workflows.

Backend / Data Systems Engineer 2017–2019

Onna

- Developed Python backend and data systems, working with production data flows, APIs, and distributed systems constraints.

Python Developer 2016–2017

Iskra

- Built Python backends, REST APIs, and projects using Plone and Guillotina.

TECHNICAL SKILLS

Backend Python, asyncio, REST APIs, GraphQL, service architecture

Frameworks & libraries Django, FastAPI, Flask, aiohttp, Pydantic, SQLAlchemy, Guillotina, Plone

Data & messaging PostgreSQL, MySQL, Redis, Elasticsearch, NATS JetStream, RabbitMQ

Frontend TypeScript, React, Next.js

Platform & delivery Kubernetes, Helm, Docker, Linux, bare-metal deployments, Jenkins, GitHub Actions, CI/CD, Prometheus, Grafana, Sentry

Cloud & IaC AWS, Google Cloud; familiarity with GKE, EKS, IAM, VPC; Terraform basics

Management Client management, project management, technical leadership, mentoring

Languages Catalan, Spanish, and English: all fluent

OPEN SOURCE & COMMUNITY

- Contributor to **Guillotina**, the asynchronous Python application server and REST API framework from the Plone ecosystem.
- Plone community contributor and speaker at **Plone Conference 2025**.

EDUCATION

Master's in Computer Science

Aarhus University | Denmark

Degree in Information and Communication Technologies

UPC / EPSEM | Catalonia, Spain