



Lucas Fernandes

Cloud & DevOps Engineer

CONTACT

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Copenhagen, Denmark

SKILLS

DEVOPS & INFRASTRUCTURE

Linux · Nginx · systemd · Ansible ·
Terraform · Docker · GitHub
Actions · Let's Encrypt

CLOUD

OVH · GCP · AWS · Clever Cloud ·
IONOS

LANGUAGES

Rust · TypeScript / JavaScript ·
Java · Python · SQL

FRAMEWORKS

Next.js / React · Spring Boot ·
FastAPI · Angular · Vue.js

DATABASES

PostgreSQL · Supabase · NoSQL

LANGUAGES

- French (native)
- English (fluent)
- Spanish (intermediate)
- Russian (basic)

PROFILE

Final-year cloud computing engineering student at CY Tech, graduating in December 2026. I'm looking for my first role in DevOps, SRE or platform engineering. I run my own infrastructure as code (Terraform, Ansible, GitHub Actions), and I built a minimal cloud provider in Rust to understand how containers and orchestration work underneath. All my projects are on my [portfolio](#).

EDUCATION

- **Engineering Degree in Computer Science** 2020 — 2026 (expected)
CY Tech
Specialization in cloud computing: DevOps, infrastructure, networks, fullstack development and software engineering.

PROFESSIONAL EXPERIENCE

- **Fullstack Developer / Engineer Intern** 2025
Applier ApS
Deployed a Next.js and Supabase web app to production. Chose the hosting infrastructure, provisioned it with Terraform and built the deployment pipeline with Ansible and GitHub Actions. Collaborated with the team through GitHub.
- **Fullstack Developer Intern** 2023
Zeno
Sole developer: built a mobile app from scratch with React and Spring Boot. Set up the production environment myself: OVH virtual machine, reverse proxy and DNS.
- **Fullstack Developer Intern** 2023
Locsport
Built a showcase website (HTML, CSS, JavaScript) and hosted it on IONOS, iterating directly on client feedback.

PERSONAL PROJECTS

- **my-cloud — minimal cloud provider in Rust** 2026
Personal project
Built from scratch with no web framework and no Docker: a reverse proxy with token authentication, a container orchestrator with a reconciliation loop (OverlayFS, cgroups), an S3-style object store, /proc-based metrics, a ChaCha20-Poly1305 VPN tunnel and a Next.js dashboard.
- **bylucas.eu — self-hosted platform as code** 2026 — current
Personal project
Run my own VPS hosting all my projects. Terraform manages the DNS, Ansible configures the server (hardening, Nginx, TLS, PostgreSQL, one systemd service per project) and a reusable GitHub Actions workflow deploys Node, Python, Rust and Spring Boot apps. Built a monitoring dashboard with live logs and service restarts.
- **Roll-a-Die — Score Jam 2025 (21st place)** 2025
Game jam project
Game built in three days with a team of four (developer, graphic designer, sound designer). Ranked 21st in Score Jam 2025.