

Oliver Nad

Software engineer: Python and Django, Linux infrastructure, technical support

● Based in Ireland. Available now for remote roles. EU citizen, native Croatian speaker.

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Software engineer who builds and runs production systems end to end. Designed, built and operates ÁitFoirne, a Django and PostgreSQL platform used every day by two Irish nursing homes, around 120 staff, for rotas, time and attendance, leave, HR and clinical records. Runs the Linux infrastructure behind it and supports the customers directly, with strict change control because the data is payroll-relevant. Previously Tier 2 enterprise support for Meta (via Wipro) and ten years of telecom support and team leadership in Croatia.

Key figures

Live installations	2 nursing homes about 120 daily users
Platform scope	40+ tools one codebase, feature flags per client
Automated tests	4,700+ run before every release
Performance fix	~10 s to ~3 s busiest admin page, 104 to 39 queries
Enterprise support	500+ cases at 95% CSAT for Meta

Experience

2023 – present

Founder and lead developer

Oliver Software Studio (ÁitFoirne), Ireland

- Built **ÁitFoirne** alone: 40+ tools including automated rotas, time clock and breaks, shift swap and cover, leave with Irish 8% accrual, HR files, clinical records, a family portal, a support desk and an AI admin assistant, plus a PWA for staff phones.
- Runs **one Hetzner server and database per client** (Ubuntu, Nginx, Gunicorn, PostgreSQL), after moving off DigitalOcean to cut cost. Staging, demo and side projects run in LXC containers on **Proxmox VE** behind Cloudflare Tunnel.
- **Release discipline:** a written plan with a narrow list of files, tests that fail before and pass after, browser QA on staging against a written test plan, then a controlled release.
- **Performance:** busiest admin page from about 10 s to 3 s by removing N+1 queries (104 to 39 per page), with the output proven byte-identical.
- **Security:** access-controlled file serving: a Django permission check in front of every uploaded file, served through Nginx X-Accel-Redirect, with off, shadow and enforce modes so it rolls out without losing a file.
- **Data integrity:** server-side guards on payroll-relevant holiday balances; payroll Excel exports built from manager-approved hours, with characterisation tests written first.
- **Support and tooling:** onboards and trains care-home managers and investigates incidents from logs and database records. Uses Claude Code, Cursor and Grok under human review with explicit approval gates.

2021 – 2023

Technical support specialist, Tier 1 to Tier 2

Wipro, supporting Meta enterprise customers (EMEA)

- Promoted from Tier 1 to Tier 2. Resolved **500+ cases at 95% CSAT**: SSO and SCIM with Okta, OneLogin and Google Workspace, APIs, authentication, admin access and integrations.
- Read logs and system evidence, reproduced faults, wrote up root causes and coordinated escalations with Meta engineering teams.

What I can take on

Backend development

Python, Django and PostgreSQL apps, APIs, integrations, Excel and PDF exports.

Tests and releases

Regression and characterisation tests, staged releases, written QA plans.

Linux infrastructure

Proxmox, LXC, Nginx, Cloudflare and per-customer servers on Hetzner.

Technical support

Tier 2 enterprise background, in English and Croatian.

Skills

Backend and front end

Python, Django, REST APIs, webhooks, role-based access, Celery, Redis; JavaScript, HTML, CSS, PWA

Data

PostgreSQL, SQL, migrations, query optimisation, Excel reporting

Infrastructure

Linux, Proxmox VE, LXC, Nginx, Gunicorn, systemd, Hetzner, DigitalOcean, Cloudflare, Git, SSH; learning Docker

Quality

Regression and characterisation tests, feature flags, staged releases, QA plans

Support

SSO, SCIM, Okta, OneLogin, Google Workspace, root-cause analysis

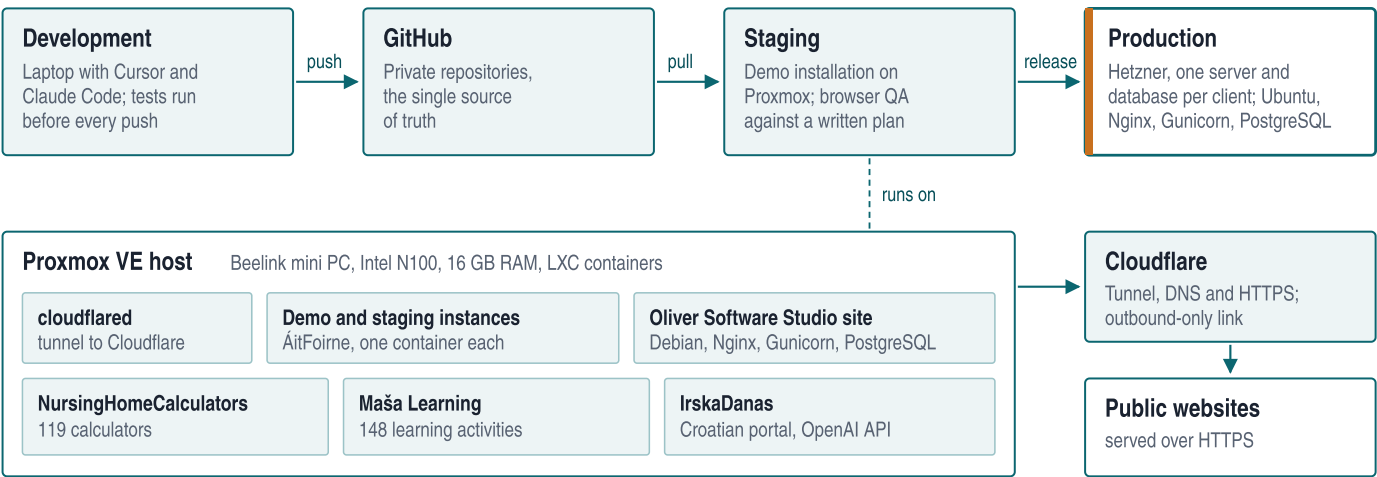
AI

OpenAI API in products; Claude Code (Opus, Fable), Cursor and Grok in development

Earlier experience

2016 – 2021	Care assistant and other roles Ireland Care assistant in two Irish nursing homes, the first-hand knowledge behind ÁitFoirme. Also hospitality, food production, retail, care-home catering and van delivery, alongside a full-stack diploma.	2006 – 2016	Team lead, customer support Croatian Telecom (T-Mobile), Croatia Ten years of customer support for a national operator, including leading a team.
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Infrastructure and release path



Client production servers are kept separate from the Proxmox host. Deployments to production are done by hand after QA, with backups and a rollback plan.

Selected projects

Nursing Home Calculators nursinghomecalculators.com 119 free calculators in 10 categories for nursing-home managers, nurses and carers, with guides, scheduled jobs and technical SEO (structured data, sitemaps). Python, Django, PostgreSQL, JavaScript	Maša Learning masalearning.com Free practice for Irish primary pupils in maths, English and Irish: 148 playable activities, games and a story library, with Google sign-in for parents and teachers. Python, Django, JavaScript, Google OAuth	IrskaDanas irskadanas.com Croatian-language portal for people living and working in Ireland: jobs, housing, Q&A and news. Trusted sources are translated and summarised with the OpenAI API, and a person checks every post before it is published. Python, Django, PostgreSQL, OpenAI API
Oliver Software Studio oliversoftwarestudio.com Company website for the workforce apps, with an interactive per-employee price configurator and transactional email through Brevo. Django 5.2, PostgreSQL 17, Debian LXC	Code walkthrough The repositories are private. Happy to share a screen in an interview and walk through models, tests, migrations and a real change from plan to release.	

Education and recognition

Diploma in Full Stack Software Development Code Institute, Dublin. Second Class Honours.	2019 – 2020
Technical Support Fundamentals Google, through Coursera	2022
Digital Hero finalist .IE Digital Town Awards	2021

Online and languages

linkedin.com/in/oliver-nad	nursinghomecalculators.com
aitfoirme.com	masalearning.com
oliversoftwarestudio.com	irskadanas.com
Languages: Croatian, native. English, fluent, daily professional use.	