

# Quentin Leonetti

## Platform & Software Engineer

Quiévrain, Belgium · Open to hybrid (Mons area) or fully remote roles · Native French / fluent English  
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## SUMMARY

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Platform and software engineer with 10+ years shipping production applications in Python and TypeScript. Built and operates a three-node k3s homelab running a full GitOps stack (Forgejo → Woodpecker → ArgoCD → Helm) with Prometheus/Grafana monitoring. Six years of client-facing consultancy delivery at YLD.

## TECHNICAL SKILLS

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**Cloud & infrastructure:** AWS (EC2, S3) · SAA in preparation · Linux (Ubuntu Server) · Proxmox · Ansible

**Programming languages:** Python, TypeScript, JavaScript, Go, Bash, SQL, CSS

**APIs & data:** REST, GraphQL · PostgreSQL, Redis

**Containers & orchestration:** Docker, Docker Compose · Kubernetes (k3s) · Helm · ArgoCD · Prometheus/Grafana

**CI/CD & delivery:** GitHub Actions, Woodpecker CI, Forgejo · TDD · integration / e2e testing · trunk-based delivery

**Networking & security:** Traefik · DNS, CoreDNS · SSH

**Frontend:** React, Next.js, Vite, Storybook

## EXPERIENCE

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### Homelab & Self-Study Mar 2026 - Present

Quiévrain, Belgium

- Preparing AWS Certified Solutions Architect - Associate (exam booked for July 2026).
- Designed and built a multi-VM homelab on Proxmox hosting a three-node k3s cluster (1 control plane + 2 workers), used as a production-like practice environment.
- Implemented a full GitOps workflow: Forgejo for source control, Woodpecker CI for container builds, ArgoCD for declarative reconciliation against Helm charts.
- Packaged a multi-service application (Go API, React/Vite frontend, PostgreSQL, Redis) as a Helm chart and deployed it through ArgoCD behind Traefik ingress.
- Deployed kube-prometheus-stack; Grafana dashboards exposed via Traefik ingress.
- Documenting every step publicly on [lcrt.net](https://lcrt.net)

### Software Engineer - YLD Sep 2022 - Apr 2025

Contract · Remote, Belgium · YLD is a London-based consultancy

- Improved CI/CD pipelines by optimizing test-suite memory usage and execution time, significantly cutting runtime and reducing feedback-loop time.
- Maintained and extended shared TypeScript / React component libraries (Storybook) with multi-theme support, used across multiple consumer-facing products.
- Participated in code reviews and release planning within a mature GitOps-based delivery process.

### Software Engineer - Datatruth Oct 2021 - May 2022

Contract · Remote, Belgium

- Implemented complex, multi-step form workflows for ESG sustainability data collection using React and Next.js.
- Worked within a small cross-functional team where each engineer owned their feature end-to-end, from implementation to deployment.

### Software Engineer - YLD 2017 - 2019

Full-time · London, UK · Client-facing consultancy work

- Delivered work directly to client teams across multiple engagements.

- Worked within fully automated GitOps CI/CD pipelines and integration/e2e testing.
- Mentored bootcamp graduates and junior engineers.
- Integrated advertisement systems into media content using GraphQL.

## **Software Engineer - Touch Surgery** 2015 - 2017

*Full-time · London, UK*

- Built and shipped a Python / Django / PostgreSQL application hosted on AWS (EC2) and deployed with Ansible.
- Built graphical analytics tooling to monitor learner progress across surgical training modules.
- Designed and shipped internal tools for content-management and sales teams.
- Contributed to improving testing and deployment workflows, reducing manual steps and release risk.

## **PROJECTS**

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### **PageTurner** [github.com/lctr/PageTurner](https://github.com/lctr/PageTurner)

- Personal reading tracker: Go API, React/Vite frontend, PostgreSQL, Redis.
- Runs on the homelab as a Helm chart managed by ArgoCD.

### **lctr.net** Public DevOps learning log and homelab documentation

- Ongoing series covering Proxmox, k3s, Docker, Traefik, GitOps and Helm.

## **LANGUAGES**

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**French:** Native

**English:** Fluent

## **CERTIFICATIONS & ONGOING LEARNING**

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- AWS Certified Solutions Architect - Associate in preparation, target July 2026.
- Further roadmap: Terraform / OpenTofu, AWS CDK, serverless patterns (Lambda, EventBridge, Step Functions), Certified Kubernetes Administrator.