Derick Temfack

Software / AI Engineer · DevOps Engineer · Odoo Developer

Pisa, Tuscany, Italy | dericktemfack@gmail.com | temfack.com | linkedin.com/in/tderick | github.com/tderick | gitlab.com/tderick

Summary

Software, AI and DevOps engineer who builds the software a business runs on and keeps it running. Designs and writes back ends and platforms in Go and Python (multi-tenant APIs, job queues, billing, single sign-on), builds custom Odoo modules and integrations (Community and Enterprise), and then deploys, monitors and backs them up in production. Integrates AI (LLMs, RAG, document parsing) into business workflows. Writes automated tests as part of the work and cares about choosing the stack that balances operating cost against value for the customer.

Skills

Languages	Go, Python, TypeScript, JavaScript, Java, PHP, SQL
Back end	Go (chi, pgx, sqlc, River job queue), Django, FastAPI, Flask, Spring Boot, Laravel, Celery, Prefect; also used: Temporal
Odoo	Custom modules for Community and Enterprise (versions 14 to 19): accounting, purchasing, stock and warehouse, CRM, point of sale, e-invoicing
Front end	React, Svelte, VueJS, Astro, Tailwind
Data & AI	PostgreSQL (pgvector, row-level security), Redis, RAG, LLM integration (OpenAI, Gemini, Claude); also used: MySQL, MongoDB, Hadoop, Spark, LangChain, LlamaIndex, PyTorch
Cloud & infrastructure	Linux, AWS (EC2, S3), hybrid cloud, S3-compatible object storage (Cloudflare R2, MinIO); also used: AWS Lambda, Linode
Containers & IaC	Docker, Docker Compose; also used: Kubernetes, Terraform, Ansible, Pulumi
CI/CD	GitHub Actions, GitLab CI/CD
Testing	Go tests against a real PostgreSQL, Odoo test suites, Playwright end-to-end tests, Vitest, Testcontainers
Security & identity	Keycloak, OIDC single sign-on, two-factor login (TOTP), encryption of customer secrets, Teleport, WAF
Monitoring & backups	OpenTelemetry, Grafana, Sentry, Pulsetic, pgBackRest; also used: Prometheus, Loki, Alloy, restic
Spoken languages	French — native; English — professional working proficiency (B2); Italian — B1

Work experience

AI Engineer & Software Engineer

April 2025 – present

EsseTech (brand of DueEsseTi S.r.l.), Italy · freelance, remote (Lomazzo, Lombardy)

- Main author of a multi-tenant integration gateway in Go with a React admin panel: e-invoicing, document preservation, AI document extraction and knowledge bases, with single sign-on, a prepaid billing ledger and an audit log.
- Build custom solutions for Odoo Enterprise (versions 18 and 19): the connector modules for that gateway, and client projects covering purchasing approvals, warehouse and site stock, analytic accounting, CRM and commissions, delivered with automated tests and user guides.
- Integrate AI into business workflows for the company's customers (e.g. AI import of supplier documents into Odoo, document parsing).

Go, PostgreSQL, React, TypeScript, Odoo 18/19, Python, Docker, OpenTelemetry, GitHub Actions, LLM APIs.

Software Engineer & DevOps Engineer / Odoo Developer

November 2022 – present

Astauria SAS (formerly DEXXYS SERVICES SAS), France · freelance, remote (Paris)

- Build custom solutions for Odoo Community (versions 14 to 18): about 25 modules for small companies, including integrations with external services and a supplier-catalogue connector.
- Built and rebuilt a data platform that feeds training-funding records into the ERP, from a Django and Celery application to a Go and TypeScript product with a public API.
- Automated recruitment intake: job-board e-mails read automatically, CVs parsed with an LLM, applicants created in Odoo.
- Deploy, maintain and monitor production Odoo instances for clients: more than 35 company instances containerised with scheduled backups; designed backup strategies and hybrid-cloud setups that keep deployments reliable at low cost.
- Document infrastructure and server configuration; train colleagues in infrastructure administration, monitoring and maintenance.

Odoo, Python, Django, FastAPI, Flask, Celery, Redis, Prefect, Go, JS, XML/XPath, Selenium, LLMs (OpenAI), Docker, S3, WAF, Grafana, Pulsetic, Teleport.

Software Engineer & DevOps Engineer

October 2023 – present

Easystrat SAS, France · freelance, remote (Montpellier)

- Lead DevOps work with a focus on cost: application deployment, server monitoring, backup strategy and CI/CD pipelines.
- Front-end developer in a team of about ten on a business-management suite: calendar module, application shell and single sign-on.
- Hardened the production stack: database backups with point-in-time recovery, secrets out of the repository, pinned images and deploys with a rollback point.

Svelte, TypeScript, Docker, GitHub Actions, PostgreSQL, pgBackRest, object storage, Bash, Go, Keycloak.

Software Engineer & DevOps Engineer *May 2021 – present*

Visibility_CAM SARL, Cameroon · Dschang / remote

- Configured CI/CD pipelines, maintained and monitored infrastructure, and contributed to software design and backend development.
- Trained team members in infrastructure administration and monitoring; documented server configuration and architecture; implemented backups.
- Trained developers on open-source tools and planned their integration into company products.

Odoo, Docker, Grafana, Pulsetic, PHP, Laravel, Redis, S3, Keycloak, GitLab CI/CD.

Selected projects

Multi-tenant integration gateway *2026*

Multi-tenant SaaS gateway that connects ERP systems to e-invoicing, Peppol, legal document preservation and AI document extraction, with single sign-on, two-factor login, prepaid billing and an audit log. Go, PostgreSQL and React; about 3,000 commits and nearly 300 Go test files.

Main author of the Go back end and the React admin panel (about 99% of the commits).

Odoo connector suite and client projects *2025–2026*

14 Odoo 18 modules that plug that gateway into Odoo's native flows, plus client projects covering purchasing approvals, site-warehouse stock, analytic accounting, CRM and commissions, with about 150 automated test files.

Main author (95% of the commits or more) on the connector suite and on the two largest client projects.

Training-funding data platform, rebuilt four times *2023–2026*

Feeds a training group's funding records into its ERP. Rebuilt over three years from a Django and Celery application into a Go and TypeScript product with a public REST API and an admin dashboard with two-factor login.

Sole author of the 2023 web application and of the 2026 product; main author of the ERP modules in between.

Odoo hosting for more than 35 company instances *2025–2026*

One containerised deployment per company across Odoo 14 to 18, each with PostgreSQL, a reverse proxy, scheduled backups to object storage and a written restore procedure.

Sole author of the deployment repositories.

E-signature platform *2026*

Multi-tenant document signing: ordered signers, sealed PDFs with timestamps, a tamper-evident evidence log, guest signing from an e-mailed link and login through Keycloak. Java, Spring Boot, PostgreSQL and React.

Sole author of this codebase.

SaaS front end and its production stack *2023–2026*

Calendar module, application shell and single sign-on in Svelte and TypeScript, then production hardening: point-in-time database backups, secrets out of the repository, pinned images and deploys with a rollback point.

One of a team of about ten on the front end; contributor to the production stack.

Earlier roles

Full-Stack Engineer, Upwork (freelance) *June 2022 – December 2022*

Full-Stack Engineer, Team Lead & shareholder, eParchemin, Cameroon *August 2020 – November 2022*

IT Manager (volunteer), YSDA (Young Social Development Actors), Cameroon *January 2020 – present*

Co-Founder, LostPieces *March 2020 – present*

Education

Master's degree, Artificial Intelligence and Data Engineering *Sept 2023 – July 2026*

University of Pisa, Italy

Master's degree, Computer Science *Sept 2021 – July 2023*

University of Dschang, Cameroon

Thesis (defended): Automatic generation of structured queries from text using NLP techniques (Text-to-SQL).

Bachelor's degree, Computer Science *Sept 2018 – July 2021*

University of Dschang, Cameroon

Certifications

GitHub Actions · Introduction to Retrieval Augmented Generation (RAG) — Coursera · Pulumi Essentials

Scholarships and volunteering

- Uni2Grow social scholarship (2018–2021) — three-year scholarship for bachelor students at the University of Dschang.
- Data Insight Online data-science scholarship (from Sept 2021) — fully funded one-year Data Scientist Program; published as a writer on the platform.
- Content reviewer, Climatematch Academy 2023 — reviewed the tutorial "Non-Stationarity in the EVT framework" (Climate Response – Extremes & Variability).
- ASCPI, the association of Cameroonian students in Pisa — built and runs the association's website and member platform as a volunteer.