Ferhat Saidoun

Full-Stack & DevOps Software Engineer

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Summary

Software engineer graduated from ENSSAT, with more than four years of experience across an internship, a work-study programme and a permanent role. Today a full-stack engineer at Cronexia in Paris, I build TypeScript applications, from NestJS backends to SvelteKit interfaces.

Professional experience

- **Full-Stack Software Engineer** – Cronexia · Full-Time · Paris, France (Hybrid) — Feb 2025 – Present

  Design and development of a SaaS time and activity management application (NestJS, GraphQL, Prisma, PostgreSQL, SvelteKit): multi-tenant architecture and high availability, CI/CD, enterprise single sign-on (OpenID Connect, SAML), reporting engine optimisation and an AI assistant prototype.

  Technologies: NestJS, GraphQL, Prisma, PostgreSQL, SvelteKit, TypeScript, Docker, OpenID Connect

- **Software Engineer, Information Systems** – Euro-Process · Apprenticeship · Lannion, Brittany, France — Oct 2021 – Sept 2024
  - Development and deployment of a secure company intranet.
  - Integration of SSO authentication with Keycloak synchronized with the company LDAP.
  - Design and integration of an ERP data visualization dashboard.

  Technologies: Vue.js 3, Node.js, Keycloak, LDAP, Python, Docker, SQL Server, SSIS

- **Full-Stack Developer** – Quanteo Group · Internship · Lannion, Brittany, France — Apr 2021 – Jun 2021
  - Development of a SIM card management application.
  - Backend built with Node.js, frontend with Vue.js and Apex (Salesforce integration).

  Technologies: Node.js, Vue.js, Apex, Salesforce

Projects

Kubernetes platform, GitOps – Personal project

A highly available Kubernetes platform driven 100% by Git: deployments, secrets, databases and backups.

Tunnelbird – Open source · released — tunnelbird.ferhatsn.fr

A lightweight VPN client for Linux and macOS: import a WireGuard® or OpenVPN configuration and connect in one click, without root rights.

Tempo – Open source · released — tempo.ferhatsn.fr

A native GNOME app to see and manage systemd user timers: when each one runs next, how its last runs went, and new timers made from a script dropped on the window.

Magic Bakery – Client website · live — magic-bakery.com

Showcase website and back office for an artisan bakery: product catalogue, B2B quote requests, PDF quotes and invoices.

Skills

Frontend:	Svelte / SvelteKit, React / Next.js, Vue.js / Nuxt, Tailwind CSS
Backend & APIs:	TypeScript, Node.js, NestJS, Python
Data:	PostgreSQL, Drizzle ORM, Prisma, Redis, SQL Server
Platform & cloud:	Kubernetes, Argo CD, Docker, GitHub Actions, Helm, Trivy, Keycloak, Linux, Git

Education

- **Engineering degree** – ENSSAT — 2021 – 2024
- **Two-year technical degree (DUT)** – USPN — 2019 – 2021
- **Bachelor's degree in mathematics and computer science** – USTHB — 2018 – 2019