ALIX QUENTIN

— Senior Software Engineer —

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Summary

Self-taught, passionate about technology since childhood, I now have **over six years of experience** in software engineering, with a specialization in **TypeScript, Node.js and React**.

I am currently looking to leverage my expertise through **freelance missions** with organizations working for **social or environmental causes** that share my values.

Experience

Senior Software Engineer
Lalilo

MAR 2021 – OCT 2025

- Contributed over 4 years to the development of an educational platform, helping build and improve adaptive learning algorithms, flexible exercise templates, and content authoring tools
- Worked with TypeScript, React, and Express to implement full-stack features while using PostgreSQL for efficient data management
- Assisted with maintaining cloud infrastructure by leveraging Kubernetes, Terraform, and Datadog monitoring tools
- Led software engineering recruitment efforts, starting with pair programming interviews before taking charge of candidate sourcing, role definition, and overall hiring management
- Migrated and maintained the API layer connecting our products to in-house speech recognition ML models using Python, Flask, and PostgreSQL
- Participated in the AI taskforce by evaluating potential applications of generative AI and text-to-speech technologies through testing and research
- Served as technical lead for a major tender proposal, addressing architecture requirements and technical specifications

Fullstack Developer
deliver.ee

JUL 2019 – FEB 2021

- Bootstrapping and development, with the team, of a new project around planning and billing work shifts, currently in production, with Phoenix (Elixir), GraphQL and React.
- Bug fixes and feature development on a legacy project for managing deliveries with Rails, Grape (REST API), Ember and Vue.
- Take over and maintenance of an existing mobile application for delivery men (and women) with React Native.
- Rspec-Rails test suite optimisation to speed up continuous integration pipelines: 40min ⇒ 5min.
- Complete makeover of a product for editing complex delivery pricing grids with Vue.
- Designing, modelling, and writing technical specs, in collaboration with Product Managers, for the evolution of a large legacy project.

Office Receptionist
Charlestown, Par-s-on Assistance, A-SC

JUN 2013 – NOV 2017

Skills

Languages. Expert in JavaScript/TypeScript. Professional experience with Ruby, Elixir, Python. Solid base in Go, Scala, Gleam, Rust, PHP.

Backend. Expert in Node (Express, Koa). Explorations with Bun/Deno. Mastery of MVC frameworks Rails and Phoenix, and Flask/FastAPI.

Front. Mastery of HTML/CSS. Expert in React, explorations with Next, Remix, Astro, React Native. Mastery of Vue, explorations with Solid, HTMX, Alpine.

Databases. Mastery of SQL databases, particularly PostgreSQL. At ease with Redis, MongoDB.

DevOps. Mastery of Docker, Kubernetes, and CI/CD tools like Github Actions or Circle CI. Experience with declarative infrastructure using Terraform and Terraform Cloud.

Cloud. Mastery of AWS ecosystem, knowledge of Cloudflare, Vercel, Netlify, Railway, Digital Ocean offerings.

AI. At ease with Claude Code, Copilot, Cursor. Good knowledge of the ecosystem, models, MCP servers, prompt engineering, API integrations.

Diplomas

Bachelor of Sociology & Anthropology
Paris VII Diderot

2015

Certificate of Advanced English (CAE)
Cambridge

2012

Languages

English
Proficient

French
Native

Spanish
Basic