

ALBERTO CERQUA

Frontend Developer

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SUMMARY

Frontend developer building production web and mobile applications, comfortable across the stack. In a year at a small, fully remote software consultancy, expanded from frontend into backend and AI / LLM work, taking client products from first commit to production, with a bugfix merged into **fast-json-stringify** (Fastify ecosystem).

EXPERIENCE

Frontend Developer → Full Stack Developer

Aug 2025 - Aug 2026

Efebia S.r.l. (Remote)

- Built and shipped a **client web platform** end-to-end: frontend (SvelteKit), backend REST APIs (Node.js / Fastify with Zod validation), and data layer (PostgreSQL, Drizzle ORM).
- Shipped **multiple client products** from initial build to post-launch refinement, including real-time features (WebSockets) and responsive UIs in Svelte, React, and React Native.
- Implemented a production **RAG pipeline** on Google Gemini (LangChain), with document embeddings in PostgreSQL / pgvector, custom function-calling tools, and streamed responses over SSE.
- Took over a **live product in a critical state** and brought it to a stable production release, debugging and refactoring a legacy codebase.

OPEN SOURCE

fast-json-stringify (Fastify ecosystem)

github.com/fastify/fast-json-stringify

Bugfix (PR #841) resolving a JSON serialization edge case, reviewed and merged by the project maintainer.

SKILLS

Frontend	Svelte / SvelteKit, React, React Native, HTML5, CSS3, Tailwind CSS
Languages	TypeScript / JavaScript, Python, Java, SQL
Backend	Node.js, Fastify, REST APIs, WebSockets / SSE, Zod
Databases	PostgreSQL (+ pgvector), MongoDB, Drizzle ORM
AI / LLM	Google Gemini, LangChain, RAG, embeddings, function calling
Tools	Git, Docker

EDUCATION

B.Sc. in Computer Engineering, Politecnico di Torino

In progress

Technical High School Diploma in Electronics, IIS Enzo Ferrari (Susa) · 100/100

2020

LANGUAGES

Italian (native) · English (B2)