

Simon Leber

AI Software Architect & Full-Stack Engineer — LLM Integration, Frontend Modernization

Currently travelling — open to relocating to the San Francisco Bay Area · hi@softleb.de · softleb.de · github.com/slebs · [LinkedIn](#) · +1 808 630 4349

Work authorization: Austrian citizen — no US work authorization, seeking H-1B / O-1 sponsorship.

SUMMARY

AI software architect with 7+ years shipping production software end-to-end. Since 2025, designed and launched multiple production web products solo — including LLM-powered features on OpenRouter — using an agentic, AI-first development workflow. Previously led the migration of a 250k-line frontend from RequireJS to Vite and built the frontend for an enterprise LLM document assistant. Open to relocating to the Bay Area on H-1B/O-1 sponsorship.

EXPERIENCE

AI Software Architect & Engineer (independent) · Independent

Aug 2025 – Present

Remote / travelling

After leaving sqanit I've been architecting and shipping products end-to-end with an AI-first workflow — full-stack apps with LLM features, an automated trading system, a smart-home / energy stack — while travelling. Selected work shown in the Projects section.

- Architected and shipped multiple production web products solo since Aug 2025 — product decisions, architecture, backend, frontend, ops and monitoring — using an agentic, AI-first development workflow.
- Built and shipped KetCon Directory — full-stack practitioner directory with an OpenRouter-powered AI assistant, SQLite FTS5 full-text search, image pipeline and dockerised deploy.
- Built and shipped Mise en Place (miseenplace.recipes) — a from-scratch recipe-management platform I use daily; rebranded and relaunched in 2026.
- Designed and ran a fully automated BTC/USD swing-trading bot on Kraken — multi-indicator strategy, risk management, real-time React dashboard, dockerised behind Authelia.

Tech: TypeScript, React, Vite, Node.js, Express, Prisma, SQLite/FTS5, OpenRouter, Agentic AI tooling, Docker, Node-RED, ESP32, MQTT

Software Engineer · sqanit GmbH · <https://sqanit.com>

Oct 2018 – Jul 2025

Munich, Germany

Conception and development of RepairCode, an enterprise PWA for field-service workflows.

- Led the migration of a ~250k-line frontend from AMD/RequireJS to ESM/Vite, cutting build times and unlocking modern tooling for the whole team.
- Built the frontend for an LLM-based document assistant — one of the platform's first AI features, letting technicians query service documentation conversationally.
- Implemented a Workbox-based service worker that turned the app into a reliable offline-capable PWA for field technicians.
- Designed and rolled out end-to-end, component and unit test strategies using Playwright, Vitest and Cypress.
- Co-led a team of five engineers; mentored on testing, CI and modernisation patterns.
- Built an AR video-guidance system — cross-compiled OpenCV to WebAssembly for in-browser object tracking, video capture client-side.
- Designed and shipped a task-scheduling subsystem (incl. recurring tasks) integrated with sqanit's service platform.
- Backend work on WildFly / Java EE (JAX-RS) with PostgreSQL, Kafka, Elasticsearch and FFmpeg for video transcoding.

Tech: JavaScript, TypeScript, Vite, Playwright, Vitest, WebAssembly, WildFly, PostgreSQL, Kafka, Elasticsearch

Earlier

Technical Employee (part-time) · Dipl. Ing. Leber GesmbH · *Carinthia, Austria*

2011 – 2018

Race-Timekeeping Specialist (freelance) · Datacapo GmbH · *Freiburg, Germany*

2011 – 2018 (occasional)

Network & System Administrator · Missionpress Ndola · *Ndola, Zambia*

2011 – 2012

SELECTED PROJECTS

KetCon Directory · ketcon.us

Full-stack practitioner directory for ketamine-assisted therapy with an OpenRouter-powered AI assistant. React + Vite frontend, Express + Prisma + SQLite backend with FTS5 search and faceted filters, JWT auth, image pipeline, dockerised nginx + Node deploy.

React · Vite · Express · Prisma · SQLite (FTS5) · OpenRouter · Docker · nginx

Mise en Place · miseenplace.recipes

From-scratch recipe-management platform I use every day. Full-stack TypeScript with custom auth, image pipeline, search and offline support — designed, built and shipped end-to-end with an AI-first workflow.

TypeScript · React · Vite · Node.js · Docker

Bitcoin Swing-Trading Bot

Automated BTC/USD swing-trading on Kraken with multi-indicator strategy (RSI, MACD, Bollinger, EMA), risk management, and a real-time React dashboard.

TypeScript · Node.js · React · Docker · Authelia

Tumbleweed Medicine · tumbleweedmedicine.com

Professional site for Dr. Amanda O'Hara's integrative-medicine and psychedelic-assisted therapy practice — clean, nature-led design, content-managed.

TypeScript · React · Vite

IP Lookup · ip.softleb.de

Client-only IP geolocation / ASN inspector with a terminal-style UI. No server, nothing stored.

Vue 3 · Vite

BTC Trading Signals · btc-signals.com

SPA surfacing live Bitcoin indicators, trend analysis and alerts.

TypeScript · SPA

SKILLS

AI & LLM	LLM integration (OpenRouter) · AI assistants · Agentic development (Claude Code, Codex, Cursor, OpenCode, OpenClaw)
Languages	TypeScript · JavaScript · Java · Python · C/C++ · SQL · Bash
Frontend	React · Vite · Vitest · Playwright · TailwindCSS · WebAssembly · Service Workers / PWA
Backend & Ops	Node.js · Express · WildFly / JAX-RS · PostgreSQL · SQLite (FTS5) · Prisma · Kafka · Elasticsearch · Docker · Linux · GitLab CI
Spoken languages	German (native) · English (professional working proficiency, C1)

EDUCATION

Technische Universität München (TUM) · B.Sc. Informatics 2019

Munich, Germany

Thesis: Implementation and evaluation of an AR video-guidance system using web technologies only.

HTL Mössingerstraße · Matura (Higher Technical College, Electronics) 2005 – 2011

Klagenfurt, Austria

Focus on applied information systems.