

Simon Leber

Freiberuflicher Software-Architekt — AI/LLM-Integration & Full-Stack (TypeScript · React · Node.js)

Cannabichstr. 3, 81543 München, Bayern
+49 171 29 34 205 · hi@softleb.de · softleb.de
github.com/slebs · [LinkedIn](#)



PROFIL

Freiberuflicher Software-Architekt mit 7+ Jahren Erfahrung im Bau produktiver Webanwendungen, Schwerpunkt AI-Integration und AI-gestützte Produktentwicklung. Seit 2025 mehrere Produkte solo konzipiert, gebaut und gelauncht — inkl. LLM-Features auf OpenRouter — mit einem agentischen, AI-first Entwicklungsworkflow. Davor u. a. Leitung der Migration eines 250.000-Zeilen-Frontends von RequireJS auf Vite (Legacy-Modernisierung). Umsetzung end-to-end: Konzept, Entwicklung, Deployment und Betrieb aus einer Hand. Verfügbar für Projekte im DACH-Raum, remote oder vor Ort in München; Projektsprachen Deutsch und Englisch.

PERSÖNLICHE DATEN

Geburtsdatum	19.09.1991, Wien, Österreich
Staatsbürgerschaft	Österreich
Wohnsitz	Cannabichstr. 3, 81543 München, Bayern
Verfügbarkeit	München, Deutschland — verfügbar für Projekte remote oder vor Ort im DACH-Raum

BERUFSERFAHRUNG

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; re-branded 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.

Technical Employee (part-time) · Dipl. Ing. Leber GesmbH

2011 – 2018

Carinthia, Austria

- Administered mixed Linux and Windows server estates for a small engineering firm.
- Hands-on troubleshooting across the whole stack — networking, OS, backups, user support.

Race-Timekeeping Specialist (freelance) · Datacapo GmbH

2011 – 2018 (occasional)

Freiburg, Germany

- Configured professional networking and timing equipment for major international sports events.

- Worked in multinational teams at events including Wings for Life World Run (South Africa, Japan, Croatia) and Spartan races across Europe.

Network & System Administrator · Missionpress Ndola 2011 – 2012

Ndola, Zambia

- Maintained the IT estate for a print-media company with 80+ employees.
- Configured Cisco networking equipment and administered GNU/Linux servers.

AUSGEWÄHLTE PROJEKTE

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

Smart-Home Energy Stack

Heat-pump + PV + battery installation with a custom integration layer: Victron, Node-RED, ESP32 hardware, MQTT and Domoticz unified into a single live dashboard.

Node-RED · ESP32 · MQTT · Domoticz · Victron

AUSBILDUNG

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.

KOMPETENZEN

AI & LLM	LLM feature integration (OpenRouter) · AI chat assistants · Agentic development workflows — all major tools (Claude Code, Codex, Cursor, OpenCode, OpenClaw) · Prompt engineering
Languages	TypeScript · JavaScript (ESM, RequireJS, vanilla) · Java · Python · C / C++ · SQL · Bash · Haskell (academic)
Frontend	React · Vite · Vitest · Playwright · Cypress · TailwindCSS · SCSS · WebAssembly · Service Workers / PWA
Backend & Data	Node.js · Express · WildFly / Java EE (JAX-RS) · PostgreSQL · SQLite (FTS5) · Prisma · Kafka · Elasticsearch · Redis
Platform & Ops	Linux (Debian, Arch, Ubuntu, Red Hat) · Docker · Caddy · nginx · GitLab CI · Authelia · Matomo
Renewable energy & IoT	Node-RED · ESP32 · MQTT · Domoticz · Victron · Grafana · InfluxDB · Heat-pump & PV install (hands-on)

SPRACHEN & INTERESSEN

Deutsch (Muttersprache, C2) · **Englisch** (C1, verhandlungssicher)

Renewable energy · Linux / FOSS · Snowboarding · Hiking & climbing · DIY projects · Travel · Coffee & cooking