Thilo Grashei

Senior Full-Stack Engineer



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Profile

Senior full-stack engineer with 14+ years building web and mobile products from prototype to production. I build both the products and the foundations they grow on, from backends to payments, subscriptions and tracking, and take the technical lead. At Asana Rebel, my AI app's backend and web funnel became the blueprint for a line of AI apps, each built in two weeks instead of about three months. Building with LLMs since 2023, now AI-native with coding agents in everyday engineering.

Open to: Senior or Lead Engineer · full-stack or backend. Full-time, permanent or freelance. Remote, or hybrid in the Berlin area. Permanent from February 2027, freelance now.

Core skills

Ruby on Rails (14+ years) · PostgreSQL (9+ years) · React (7+ years) · Next.js (5+ years) · TypeScript (5+ years) · React Native (3+ years) · Large Language Models (LLM) (3+ years) · OpenAI API (3+ years) · Supabase (2+ years) · Claude Code (1+ year)

Experience

Senior Full-Stack Engineer, Asana Rebel

Mar 2024 – Present · Full-time · Remote · Health-Tech · Full-Stack Engineer

Asana Rebel set out to build a line of AI apps next to its main app. I built the backend and web funnel that became the blueprint for about 15 of them, each built in two weeks instead of about three months, led an AI companion app with long-term memory into the stores, and rebuilt attribution across the apps.

Stack: Next.js, TypeScript, React Native, OpenAI API, Supabase, Expo

Technical Co-Founder, joooin.me

Aug 2021 – Nov 2024 · Co-founder · Remote · Social Networking · Full-Stack Engineer

After Covid, my co-founders and I wanted to bring people together in real life. I built our platform for discovering and planning activities single-handedly, a Rails PWA with invites, magic links, following and web push; it reached a couple of hundred users, but not enough traction to become a business.

Stack: Ruby on Rails, PostgreSQL, Tailwind CSS, Hotwire

Freelance Full-Stack Engineer

Nov 2018 – Feb 2024 · 9 clients

Built and launched products for 9 companies, from catering and travel to e-learning, real estate and e-commerce: an offer creator with an AI first draft on a fine-tuned OpenAI model at heycater!, Tourlane's sales KPI platform, elearnio's new e-learning platform and Fuchs & Eule's property marketplace. Often largely on my own, sometimes as tech lead or project manager.

Stack: Ruby on Rails, React, Next.js, TypeScript, GraphQL, PostgreSQL

Lead Engineer, Aroundhome

Feb 2017 – Oct 2018 · Full-time · On-site · Home Services · Tech Lead, People Lead

Customers and partner companies agreed on appointments through our call center or by phone. As tech and people lead of a five-person team, I built a platform where they book appointments themselves, and it went live for Aroundhome's partners.

Stack: Ruby on Rails, PostgreSQL, Docker, Go

Senior Backend Engineer, Aroundhome

Mar 2012 – Jan 2017 · Full-time · On-site · Home Services · Backend Engineer

Käuferportal had outgrown its single Rails app. I grew from junior to senior backend developer while we split it into services, and designed the billing, ad-targeting and call-center services and the backend of a public partner directory.

Stack: Ruby on Rails, Ruby, JavaScript, MySQL

All 15 projects: thilo-grashei.de/projects

Skills

Languages
Ruby, JavaScript, TypeScript

Backend & APIs
Ruby on Rails, RESTful, Node.js, GraphQL, Apollo, Deno, WebRTC

Frontend
React, Next.js, Hotwire, Alpine.js, D3.js, React Flow, Vite, Chart.js

Styling & UI Kits
Bootstrap, Tailwind CSS, Tailwind UI, Material-UI, Storybook, shadcn/ui

Mobile
React Native, Expo, Capacitor, Ionic

Data
Redis, PostgreSQL, Google Firebase, Algolia, Supabase

Testing & Quality
RSpec, Jest, Puppeteer, Cypress, Playwright

Cloud & Hosting
Heroku, Docker, Vercel, Google Cloud Platform, Netlify, Render

Delivery & Monitoring
GitHub, Sentry, Bitrise, GitHub Actions

AI
Generative AI, Large Language Models (LLM), OpenAI API, Cursor, Google Gemini, Groq, LemonSlice, LiveKit, MCP, Vercel AI SDK, Claude Code

Payments & Commerce
PayPal, Stripe, RevenueCat, Klarna, WooCommerce

Analytics & Growth
Plausible, Meta SDK, Singular, Snowplow, Spotify Confidence

Business Integrations
Salesforce, Calendly, DatoCMS, Brandfetch, Mailjet, SendGrid

Leadership
Technical Leadership, Mentoring, Project Management

Product & Design
Figma

Collaboration
Jira, Asana, Linear

All 115 skills: thilo-grashei.de/skills

Education

B.Sc. Computer Science & Multimedia
University of Augsburg · 2009

Thesis: a geocoded photo travel diary app on Java ME. Coursework in C, C++, C#, Haskell, Java, SQL, and 3D rendering.

Languages

German — native · English — fluent