Long Bui

Frankfurt area, remote
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Experience

10/2024 - 12/2026

CTO
ON7 GmbH, Munich, remote

- I designed, built and ran the whole software estate from scratch, alone: four or more monorepos with about 20 apps, covering a recruiting SaaS, a health certificate product, a nursing school administration, a language test platform, websites and a mobile app.
- Frontends for applicants, customers and schools: form and workflow interfaces, B2B dashboards, integration of our own REST APIs.
- Health certificate product: an end-to-end flow with a video course, identity verification (Stripe Identity), medical review, a PDF certificate and a B2B dashboard.
- Test automation with Vitest (unit and component tests) and Playwright (E2E), integrated into GitLab CI.
- My own Kubernetes platform (k3s on Hetzner, infrastructure as code, GitLab CI/CD).
- Agentic engineering as a fixed part of the development process: Claude Code with my own workflows, skills, subagents and hooks.
- Cross-company IT responsibility for the group; onboarding of and code reviews for one developer.
- Stack: TypeScript, SvelteKit, Astro, Hono, Supabase/PostgreSQL, Drizzle, Capacitor, Stripe, Kubernetes, Helm, GitLab CI, Vitest, Playwright, LLM APIs.

06/2019 - 09/2024

Full-stack developer, later lead developer
in-factory GmbH, client KfW, Frankfurt

- Audit-proof web application for manual data entry into the regulatory data warehouse (accounting, SAP downstream): sole developer and architect, data model with full historisation and the four-eyes principle. Migration from JSF/PrimeFaces to Spring Boot and Svelte.
- Lead developer (team of five) of a metadata editor for the in-house Informatica staging framework: load behaviour is changed graphically instead of by SQL script and deployment.
- AI-supported analysis of annual financial statements, 2024: frontend (Next.js/React) and REST API (Python/FastAPI) on my own responsibility, deployment on Azure with Terraform and Azure DevOps.
- Code generators for Informatica mappings and workflows.

10/2022 - 05/2023

Mobile developer (freelance)
future.self gGmbH, remote

- Further development of the career orientation app my.compass with Vue.js and Capacitor for iOS and Android.
- Further development of the Django backend for matching and app content (Azure).

04/2018 - 10/2018

Full-stack developer (freelance)
in-factory GmbH, Stuttgart
- Reimplementation of a white-label job scheduler from PowerShell in Python, with Informatica integration and a utility front and back end (Flask, Angular).

03/2017 - 10/2017

Full-stack developer (freelance)
LMU München, remote
- Reimplementation of the web app MobiDics: from server-side PHP to a REST API (Java EE, JAX-RS, Hibernate, PostgreSQL) with an Angular frontend.

Education

2017 - 2020

M.Sc. Informatik
Julius-Maximilians-Universität Würzburg
- Thesis: "Predicting the Impact of Function Size in Serverless Computing"

2013 - 2017

B.Eng. Informatik
THWS (Technische Hochschule Würzburg-Schweinfurt)
- Thesis: "Generierung von REST Clients anhand von JSON Konfigurationsdateien"

Certificates

2016 - 2017

Full Stack Web Development Certification
freeCodeCamp

2023

PowerCenter Data Integration 10 Developer, Certified Professional
Informatica

Languages

German	native
English	fluent
Vietnamese	basic