

Nikolaus Brunner

Frontend Engineer with 5 Years of experience in building modern web applications

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Frontend Engineer with 5 years of professional experience building production applications with React and TypeScript. Specialized in design systems, frontend architecture, and large-scale migrations. Led technical decisions affecting thousands of files and mentored junior developers. Leverages AI tools (Claude, Claude Code) for enhanced productivity and code quality.

Work Experience

Software Engineer

DealerCenter Digital GmbH • Sep 2020 - Jan 2026 • Landshut, Germany

- Led architecture and implementation of BikeCenter (Electron/React application) with custom design system from scratch
- Led large-scale framework migrations affecting 1000+ files (Redux → TanStack Query, React Router → TanStack Start)
- Mentored junior developers and established and documented frontend coding standards
- Architected modern GraphQL-based Vendure storefront and coordinated between design and backend teams
- Tech: React, TypeScript, SCSS, TanStack Stack, Redux, GraphQL, Tailwind CSS, Electron, Node.js

Frontend Web Developer

diva-e Digital Value Excellence GmbH • Mar 2020 - Sep 2020 • Munich, Germany

- Developed frontend features for enterprise web applications
- Tech: React, TypeScript, SCSS, Node.js

Junior Web Developer (Internship)

Campudus • Dec 2019 - Feb 2020 • Landshut, Germany

- Completed full-stack internship developing features with React and Node.js

Side Projects

Black Atom

Open Source Theming System • Creator & Maintainer

- Created theming system supporting 27+ themes across 6 platforms (Zed, WezTerm, Alacritty, Ghostty, Neovim)
- Built with TypeScript, featuring automated theme generation and distribution

AWDCS

Modal Editor Keymap Architecture

- Designed scope-based keymap system (App, Workspace, Document, Change, Symbol) for modal editors
- Created systematic prefix patterns and semantic naming for consistent, memorable keybindings

kōyō

QMK Keyboard Layout & Firmware

- Custom QMK layout for 36-key split keyboards (Moonlander, Corne) with vim-inspired navigation
- Built comprehensive CLI tooling for keyboard configuration and deployment

Technical Skills

Frontend: React, TypeScript, JavaScript, GraphQL, CSS/SCSS/Tailwind, ShadCN, TanStack (Router/Query/Form), Redux, Electron [Node.js](#), Git

Dev Tools: Neovim, Ghostty, LazyGit, Claude Code

Architecture: Design Systems, Component Architecture, Frontend Migrations, UX Collaboration

Other Experience

Event Technology & Audio Engineering (2011-2019) • Extensive background in event technology, professional sound engineering, and photography. Worked at five-star hotels and premium studios, developing strong problem-solving and client communication skills.

Education: Sound Engineering & Mastering, Deutsche Pop Munich (2010-2011)

Interests

Landscape Photography • Workflow Optimization • Open Source • Music Production