

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, like Claude Code, for enhanced productivity and code quality.



Work Experience

Software Engineer / Frontend Lead

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

- Led frontend architecture for BikeCenter (Electron/React application), building and maintaining its custom design system
- Led large-scale framework migrations affecting 1600+ 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 (Router/Query/Form), 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)

Campodus • 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