Alexander Gutheil

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Professional Summary

Senior Frontend Developer with 6+ years of focused experience building high-performance web and mobile applications, backed by a diverse technical background spanning system administration and 3D/VR development. Expert in Vue.js and Nuxt.js with extensive experience in React and modern JavaScript frameworks. Proven track record of leading frontend teams and delivering enterprise-level solutions. Specialized in CMS migrations, performance optimization, and modern meta-frameworks. Currently leading frontend teams at brandung GmbH, successfully delivering large-scale migrations and platform modernizations.

Experience

Senior Frontend Developer, brandung GmbH – Cologne, Germany   Jan 2025 – Present

- Continue leading the Deutsche Glasfaser frontend team, driving technical decisions and architecture evolution for the ongoing platform modernization
- Lead an external agency team working on the relaunch of the Deutsche Glasfaser checkout system, conducting code reviews and ensuring code quality and architectural consistency
- Mentor team members and establish development best practices
- Successfully migrated the platform to Next.js 16 and React 19, ensuring seamless transition and improved performance
- Implemented performance optimizations including Redis caching, image optimization, and bundle analysis
- Set up CI/CD pipelines and automated deployment processes to streamline development workflows
- Extensive work with AI tools and technologies, developing expertise in leveraging AI to enhance development workflows and productivity

Frontend Developer, brandung GmbH – Cologne, Germany   Jan 2021 – Dec 2024

- Built a Flutter mobile application for Tchibo's wlan to go service
- Contributed to the About You Outlet relaunch as part of a team, working with Nuxt.js, Scayle, and Storybook
- Participated in the 1. FC Köln website relaunch, a Next.js project integrated with Contentful CMS
- Led the frontend team for the Deutsche Glasfaser GmbH relaunch, a major enterprise project migrating from TYPO3 to Next.js with Contentful CMS
- Integrated Contentful CMS via GraphQL with automated type generation for type-safe content management
- Implemented comprehensive testing strategy with Playwright for end-to-end tests, Vitest for unit tests, and Storybook for component testing
- Managed the technical migration strategy and coordinated with cross-functional teams throughout the project lifecycle
- Established component libraries and design systems to ensure consistency and reusability across projects
- Collaborated closely with designers, backend developers, and product managers to deliver high-quality user experiences

Frontend Developer (Co-Founder), Zazmo GmbH – Kassel, Germany   Feb 2019 – Jan 2021

- Designed and developed a web application for group payment processing from concept to production

- Built the frontend architecture using Vue.js, ensuring scalability and maintainability

- Integrated third-party services and APIs including Stripe and Usercentrics

- Achieved 2nd place in Hessian Founder Prize and 3rd place in Nordhessen Promotion Competition

- Delivered pilot project for Stadtwerke Kassel AG, which remains in active production use

- Collaborated with stakeholders to conceptualize and implement digital business processes

- Delivered a production-ready application meeting performance and security requirements

Software Developer, VirtuaTec – Kassel, Germany   Sept 2014 – Feb 2019

- Developed innovative 3D applications using Unity 3D for automotive simulation environments and HMIs

- Created immersive Virtual Reality experiences for automotive applications

- Designed and implemented 3D models using Maya

- Programmed application logic in C# using Microsoft Visual Studio

- Collaborated on storyboard development and virtual world creation

- Optimized 3D rendering performance and VR application responsiveness for smooth user experiences

- Worked closely with automotive clients to understand requirements and translate them into technical specifications

- Delivered cutting-edge solutions for automotive industry clients

System Administrator, IT Service und Beratung – Kassel, Germany   June 2006 – Sept 2014

- Managed and maintained Windows and Linux server environments

- Diagnosed and resolved complex IT issues in client and server environments

- Created and maintained system documentation and project requirements

- Ensured reliable IT infrastructure for business operations

- Provided technical support and troubleshooting for clients

Web Designer (Freelance), Self-Employed – Kassel, Germany   Aug 2003 – June 2006

- Designed and developed custom websites for various clients

- Worked with content management systems including WordPress

- Implemented SEO best practices to improve client website visibility

- Managed client relationships and project delivery

- Created responsive designs ensuring cross-browser compatibility

- Delivered projects on time and within budget constraints

Education

University of Kassel, Master of Science in Computer Science – Kassel, Germany   Oct 2012 – Feb 2017

- Specialization: Practical Computer Science with focus on Computer Graphics and Virtual Reality

- Final Grade: 1.8 (German grading system)

University of Kassel, Bachelor of Science in Computer Science – Kassel, Germany   Oct 2003 – Oct 2010

- Specialization: Practical Computer Science with focus on Web Development

- Final Grade: 2.6 (German grading system)

Skills

Frontend Frameworks & Libraries: Vue.js, Nuxt.js, React, Next.js, TypeScript, JavaScript (ES6+)

Mobile Development: Flutter, React Native

Backend & Languages: Go, C# (.NET), Node.js

Styling & Design: Tailwind CSS, CSS3, HTML5, Responsive Design

CMS & Headless Platforms: Contentful, Storyblok, Scayle

Build Tools & Testing: Webpack, Vite, Playwright, Vitest, Jest, Storybook, Git, CI/CD

Tools & Platforms: Docker, Vercel, Redis, Stripe, Usercentrics, Ninetailed

Additional: Unity 3D, Maya, Virtual Reality Development

Additional Information

Languages: German (Native), English (Professional)

Interests: Fitness, Football

International Experience: Work & Travel in Australia (System Operator at Auscott Cotton, Moree Queensland)