

# 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

<b>Frontend Developer (Co-Founder)</b> , Zazmo GmbH – Kassel, Germany	Feb 2019 – Jan 2021
<ul style="list-style-type: none"> <li>• Designed and developed a web application for group payment processing from concept to production</li> <li>• Built the frontend architecture using Vue.js, ensuring scalability and maintainability</li> <li>• Integrated third-party services and APIs including Stripe and Usercentrics</li> <li>• Achieved 2nd place in Hessian Founder Prize and 3rd place in Nordhessen Promotion Competition</li> <li>• Delivered pilot project for Stadtwerke Kassel AG, which remains in active production use</li> <li>• Collaborated with stakeholders to conceptualize and implement digital business processes</li> <li>• Delivered a production-ready application meeting performance and security requirements</li> </ul>	
<b>Software Developer</b> , VirtuaTec – Kassel, Germany	Sept 2014 – Feb 2019
<ul style="list-style-type: none"> <li>• Developed innovative 3D applications using Unity 3D for automotive simulation environments and HMIs</li> <li>• Created immersive Virtual Reality experiences for automotive applications</li> <li>• Designed and implemented 3D models using Maya</li> <li>• Programmed application logic in C# using Microsoft Visual Studio</li> <li>• Collaborated on storyboard development and virtual world creation</li> <li>• Optimized 3D rendering performance and VR application responsiveness for smooth user experiences</li> <li>• Worked closely with automotive clients to understand requirements and translate them into technical specifications</li> <li>• Delivered cutting-edge solutions for automotive industry clients</li> </ul>	
<b>System Administrator</b> , IT Service und Beratung – Kassel, Germany	June 2006 – Sept 2014
<ul style="list-style-type: none"> <li>• Managed and maintained Windows and Linux server environments</li> <li>• Diagnosed and resolved complex IT issues in client and server environments</li> <li>• Created and maintained system documentation and project requirements</li> <li>• Ensured reliable IT infrastructure for business operations</li> <li>• Provided technical support and troubleshooting for clients</li> </ul>	
<b>Web Designer (Freelance)</b> , Self-Employed – Kassel, Germany	Aug 2003 – June 2006
<ul style="list-style-type: none"> <li>• Designed and developed custom websites for various clients</li> <li>• Worked with content management systems including WordPress</li> <li>• Implemented SEO best practices to improve client website visibility</li> <li>• Managed client relationships and project delivery</li> <li>• Created responsive designs ensuring cross-browser compatibility</li> <li>• Delivered projects on time and within budget constraints</li> </ul>	

## **Education**

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- 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**

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**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 (GraphQL), 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**

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Languages: German (Native), English (Professional)

Interests: Fitness, Football

International Experience: Work & Travel in Australia (System Operator at Auscott Cotton, Moree Queensland) | March 2011 – September 2011