



Abdalah Amadou Gueye

Frontend / Product Engineer - React, Next.js

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PROFESSIONAL SUMMARY

Frontend / Product Engineer with 4+ years of experience building high-performance, user-centric web applications. Specialized in **React and Next.js**, with a strong focus on **developer experience, UI architecture, and product-quality execution**.

EXPERIENCE

Frontend Engineer, SMAL GMBH

01/2023 – Present | MUNICH, GERMANY

- Built and maintained **reusable UI components and complex page layouts** using **React, Next.js, Tailwind CSS, and Contentful**, used across multiple production features.
- Contributed to a major migration from **Next.js 12 to Next.js 14**, including upgrades to **React 19, Node.js 18 LTS**, and **Tailwind CSS 3**, resulting in **improved performance, simpler architecture, and reduced technical debt**.
- Designed and implemented a **Product Configurator** allowing users to customize, visualize, and price full setups with **real-time cart integration**.
- Implemented **high-performance animations and scroll-based interactions** using **GSAP**, balancing visual polish with runtime performance.
- Replaced custom internationalization logic with **native Next.js middleware**, improving maintainability and consistency across locales.
- Collaborated closely with designers and stakeholders to deliver **polished, production-quality UX**.

Frontend Developer (Working Student),

12/2021 – 11/2022

FUTURE STORIES

HAMBURG, GERMANY

- Maintained and improved a **Shopify-based e-commerce platform**, focusing on frontend quality, performance, and usability.
- Developed **custom Shopify applications using React** to extend core e-commerce functionality.
- Improved code quality and user experience across key customer-facing pages.

Frontend Developer (Intern), OBERTYS

01/2020 – 06/2020 | DAKAR, SENEGAL

- Developed frontend features for **web-based banking applications** using React.
- Integrated REST APIs to ensure smooth frontend–backend communication.
- Contributed to a **mobile banking application** using React Native.
- Participated in Agile sprints, testing, and technical documentation.

Selected Projects

- E-Commerce Platform**, Next.js 15, React 19, TypeScript, Tailwind CSS, Framer Motion, Vercel.
- Built a **production-ready e-commerce platform** for Senegalese clothing retailers, handling catalog, cart, and checkout flows.
 - Integrated **WhatsApp API** for order processing, enabling direct customer communication.
 - Implemented **Vercel Analytics** for real-time tracking of user behavior and conversions.
 - Optimized performance using **Next.js 15 App Router, lazy loading, and code-splitting**, ensuring fast LCP and smooth UX.

- Developer Playground**, Next.js, React, TypeScript, Tailwind, Storybook, Vercel
- Built a production-ready Next.js playground demonstrating **SSR, SSG, and ISR** rendering strategies and real-world tradeoffs.
 - Designed a **reusable component system** with Storybook to improve developer experience and documentation.
 - Implemented **serverless API routes**, middleware, and performance optimizations (code-splitting, lazy loading, memoization).
 - Deployed on **Vercel** with CI/CD, environment-based configuration, and analytics.

Technical Skills

Frontend: React, Next JS, TypeScript, JavaScript, Tailwind CSS, HTML, SCSS

Backend: Node.js, PostgreSQL, Supabase, Contentful, Prisma

DevOps & Platforms: Git, Vercel

Mobile: React Native, Expo

EDUCATION

SRH HEIDELBERG UNIVERSITY - MASTER DEGREE, 2021 – 2023 | HEIDELBERG, GERMANY
Master’s in Applied Computer Science

HASAN KALYONCU UNIVERSITY, BACHELOR DEGREE, 2016 – 2020 | Gaziantep, Turkey
Bachelor’s in Computer Engineering

Languages

English
Fluent

French
Fluent

Turkish
Intermediate

German
A2