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**. Experienced in shipping production systems, migrating large Next.js codebases, building reusable component systems and helping teams and developers unblock and ship faster.

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

Restaurant Management System (PWA), Next.js, TypeScript, Prisma, PostgreSQL, Vercel
- Built an **offline-first restaurant operations platform** designed for low-connectivity environments.
- Improved order processing speed by **~55%** through streamlined workflows and real-time order handling.
- Implemented authentication, real-time order flows, and a **multi-restaurant data model**.
- Deployed and operated on **Vercel**.

Developer Playground — Next.js / Vercel,
Next.js 14, 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	**French**	**Turkish**	**German**
Fluent	Fluent	Intermediate	A2