

Mustafa Basheer

Full-Stack Engineer (React/Next.js)

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KEY RESULTS @ NOTERRO

- **-38%** average page load via Next.js migration using SSR/ISR and route-level code-splitting.
- **-70%** redundant API traffic using SWR/React Query with request de-duplication and cache policies.
- **-25%** delivery time with a Tailwind + Storybook design system adopted across 50+ screens.

EXPERIENCE

Noterro Jan 2022 – Present
Web Developer Remote

- Migrated legacy PHP views to Next.js (App Router) with **SSR/ISR** and route-level code-splitting.
- Standardised data fetching with **SWR/React Query**: cache policies, request de-duplication, error/refresh patterns.
- Introduced a **Tailwind + Storybook** design system adopted across **50+ screens**; enforced tokens and variants.
- Delivered via epic-based planning with clear designs, acceptance criteria, QA/CR gates, and target dates.
- Improved **Core Web Vitals (LCP/CLS/INP)** through render strategy and bundle size reduction.

Freelance 2021 – 2022
Full-Stack Developer Remote

- Built responsive brochure sites for local businesses using React, HTML/CSS, and Firebase.
- Deployed on Netlify with basic CI for quick client updates and maintenance.

University of Ottawa May 2020 – Sep 2020
Web Developer (Co-op) Ottawa, ON

- Contributed to the Academic Accommodations Service (student-facing) and built an internal React app to consolidate branch data; collaborated with branch managers and supported database design and integration.

Ribbon Communications Sep 2018 – Dec 2018
Software Developer (Co-op) Ottawa, ON

- Contributed to Java feature design and testing, debugging web apps with Eclipse; documented components to support maintenance and knowledge transfer.

PROJECTS

Teal News (tealnews.site) | *AI-Powered News Aggregator* 2025

- Built a full-stack news platform with Next.js 15, TypeScript, Tailwind, Prisma/MySQL, and Clerk authentication.
- Integrated Google Trends (via SerpApi) for real-time trending topics and Hugging Face API for AI-generated article summaries.
- Designed a responsive glassmorphism UI with advanced search, bookmarking, and secure user accounts.

Onboarding | *Clinic Registration (Project Lead, Noterro)* 2024

- Led end-to-end development of a multi-step registration wizard using React (frontend) and CakePHP (backend).
- Designed conditional logic, validation, and progress tracking to create a frictionless onboarding flow.
- Now serves as the primary registration path for all new clinics, reducing support requests and improving user adoption.

TECHNICAL SKILLS

Skills: React; Next.js (App Router/RSC); TypeScript; Redux Toolkit; Tailwind; React Testing Library; Node.js; Express; PHP (CakePHP/Laravel); REST/GraphQL; Auth (Clerk/Auth0); PostgreSQL; MySQL; MongoDB; Prisma; Jest; CI/CD (GitHub Actions/Netlify); Swagger/OpenAPI; Lighthouse.

EDUCATION

University of Ottawa Ottawa, ON
Bachelor of Applied Science in Software Engineering (Co-op) 2016 – 2021