

Nur Muhamad Ash Shidiqi

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ABOUT ME

Seasoned Frontend Developer with over 4 years of experience specializing in the React ecosystem. Proven track record of delivering scalable web applications for diverse industries, including FinTech, ERP systems, and CRM solutions. Expert in translating complex Figma designs into pixel-perfect, responsive UIs using Next.js, TypeScript, and Tailwind CSS. Adept at performance optimization and modernizing legacy codebases, with recent expansion into backend technologies like PostgreSQL and NestJS to drive holistic technical solutions.

WORK EXPERIENCE

Upwork

Full Stack Developer (Freelance) | Remote

January 2021 - Present

Delivered high-quality web solutions for diverse international clients, specializing in modern React ecosystems. Key contributions include:

- Modernized a billboard advertisement booking platform by migrating the frontend from Laravel to **React.js**, significantly improving user interactivity and maintainability.
- Transformed high-fidelity Figma designs into pixel-perfect, responsive interfaces using **Next.js** and **Tailwind CSS**.
- Architected a headless blog solution utilizing **Next.js**, **Supabase**, and **Prismic**, ensuring high performance and SEO optimization.
- Collaborated with a distributed team to build a scalable CRM application, leveraging **GraphQL** for efficient data handling and **Next.js** for the frontend architecture.

View my Upwork profile: <https://www.upwork.com/freelancers/~019597f410be18ce47>.

YSL.IO

Frontend Web Developer (Contract) | Remote

May 2023 – October 2024

Played a pivotal role in developing web-based cryptocurrency platforms and browser extensions, focusing on security, performance, and user experience. Key contributions include:

- Spearheaded the frontend development of core cryptocurrency platforms (xenify.io and alixa.io) using **Next.js** and **TypeScript**, ensuring high performance and type safety.
- Engineered a secure **Chrome Extension cryptocurrency wallet**, expanding the product's ecosystem and accessibility.
- Collaborated closely with the **Founder**, **Product Manager**, and UI/UX Designers to translate complex business requirements into modern, intuitive user interfaces.

PT. Sulosi Teknologi Nusantara (Nusantech)

Frontend Web Developer (Contract) | Remote

February 2022 – January 2023

Contributed to the full development lifecycle of web-based ERP applications, utilizing Next.js and TypeScript to build scalable enterprise solutions. Key contributions include:

- Translated complex business requirements into robust application features, maintaining code quality and system reliability.
- Collaborated closely with Backend Engineers and QA teams to ensure seamless API integration and deliver bug-free, high-performance user interfaces.
- Participated effectively in Agile environments, coordinating with cross-functional teams to streamline development cycles and meet sprint goals.

PROJECTS

Sintas AI

Winner IDCamp 2025 Developer Challenge by Dicoding Indonesia × Indosat Ooredoo Hutchison

Theme: *"Small Apps for Big Preparedness: Solusi Digital untuk Kesiapsiagaan Bencana"* a national AI hackathon challenging IDCamp scholarship recipients to build AI-powered digital solutions for disaster preparedness in Indonesia, the world's second most disaster-prone country.

Visit App: <https://sintas-ai.beyonddev.id>

Winner Announcement:

<https://idcamp.ioh.co.id/news/1944/selamat-kepada-pemenang-idcamp-2024-developer-challenge-1>

Engineered an AI-powered survival simulation platform that generates dynamic, branching disaster narratives in real-time, combining interactive gameplay with educational disaster-preparedness content.

- Architected a finite-state-machine game engine with discriminated union types to manage complex gameplay phases (narrating, deciding, transitioning, paused, ended), enabling type-safe state transitions across the entire simulation lifecycle.
- Integrated Google Gemini API with structured Zod schemas to procedurally generate complete decision-tree scenarios, including branching narratives, HP-consequence mechanics, and immersive theme sounds from both preset themes and freeform user context.
- Implemented a priority-based LLM model rotation system with daily quota tracking in Supabase, automatically cascading through multiple Gemini models to maximize uptime and minimize API costs.
- Built a post-game AI analysis pipeline that evaluates player decision logs and produces personalized disaster-safety education reports, turning gameplay into actionable survival knowledge.
- Delivered full internationalization (EN/ID), Supabase Auth with RLS, fingerprint-based rate limiting, and a global leaderboard with survival streak tracking.

Tech Stack: Next.js 16 (App Router), TypeScript, Tailwind CSS 4, ShadCN UI, Zustand, TanStack Query v5, Google Gemini API, Supabase (PostgreSQL + Auth + Storage), Zod, next-intl.

Unfold Lens

Visit <https://unfoldlens.com/>

Architected a high-performance, server-rendered AI image platform focusing on scalability, security, and advanced data handling.

- Centralized complex queries (trending feeds, faceted search) into **PostgreSQL RPCs**, significantly minimizing network latency and simplifying client-side logic.
- Built a modern backend using **Next.js Server Actions** and **Supabase Row Level Security (RLS)**, featuring a secure upload pipeline to **Cloudflare R2** via presigned URLs.
- Implemented **React Suspense** for streaming UI and cursor-based pagination to achieve a seamless, high-performance infinite scroll experience.
- Developed robust authentication, content management, and social interactions (likes, saves, collections) backed by efficient server-side filtering.

Tech Stack: Next.js, TypeScript, Supabase, PostgreSQL, Cloudflare R2, Redis, Tailwind CSS.

Next Chat

GitHub: <https://github.com/nurmuhamadas/next-chat>

Real-time Messaging Application Engineered a modern, real-time chat platform focusing on low-latency messaging and a seamless user experience.

- Implemented **WebSockets** to enable instant, bi-directional communication with sub-second message delivery.
- Built a lightweight and efficient API server using **Hono** and **Prisma**, ensuring rapid request handling and type-safe database interactions with **PostgreSQL**.
- Designed a sleek, responsive interface using **ShadCN UI** and **Tailwind CSS**, integrated with **TanStack Query** for efficient server-state management and caching.
- Implemented robust user authentication and reliable message persistence strategies.

Tech Stack: Next.js, Bun, Hono, Prisma, PostgreSQL, TypeScript, Tailwind CSS, ShadCN UI, TanStack Query.

TECHNICAL SKILLS

- **Languages & Frontend:** TypeScript (4+ years), JavaScript, React.js (4+ years), Next.js (4+ years), Tailwind CSS, React Native.
- **Backend & Database:** Node.js, Bun, PostgreSQL (2+ years), Nest JS, Supabase, Prisma, Hono.
- **Tools & Others:** Git, Figma, Cloudflare R2, TanStack Query.

CERTIFICATIONS

- [Web Developer Expert](#) – Dicoding Indonesia
- [Backend Developer Expert](#) – Dicoding Indonesia
- [Fundamental Flutter](#) - Dicoding Indonesia
- [Flutter with Machine Learning](#) - Dicoding Indonesia