ANDI NUGROHO

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Software Engineer with 3years of professional experience specializing in Frontend & Full Stack Web3 Development. I have a strong interest in Blockchain & AI technology and thrive on challenging projects. I bring a fresh perspective and an unwavering drive to learn and grow. I'm excited to connect and contribute my skills to drive success in the industry.

Experience

Full Stack Web Developer, *Feb 2026 – Oct 2026 | On-site*
Muhammadiyah University of Cirebon
- Developed REST APIs using NestJS + TypeScript for helpdesk and IT asset systems
- Built responsive frontend dashboards for monitoring and executive reporting
- Designed PostgreSQL schemas using Prisma ORM
- Implemented JWT authentication and RBAC authorization
- Containerized applications using Docker
- etc

Projects

www.anzadev.space , *Website & Mobile App Development Agency*
- Architected and launched a full-scale freelance agency platform using Next.js, Tailwind CSS, and shadcn/ui, establishing a reusable component library that reduced development time for new client projects by ~40%
- Engineered advanced UI animations with GSAP and Framer Motion, delivering smooth, performant interactions, maintaining Lighthouse performance scores above 90 across all pages

www.umkmjagapura.web.id , *UMKM Product Digitalization Platform*
- Built and launched the official e-catalog for the PADIKU program, digitalizing local UMKM products (Grejeg, Sambel Garing) in Jagapura Kulon, Cirebon, as part of the KKM UMC 2026 community service program.
- Developed a responsive, animated interface with Next.js, TypeScript, Tailwind CSS, Radix UI + shadcn/ui, and Framer Motion, achieving Lighthouse scores above 90 across all categories and a 100 SEO score, with direct ordering via pre-filled WhatsApp and Instagram messages.

www.vaultprotocol.web.id , *Zero-Knowledge Encrypted Vault Platform*
- Built a zero-knowledge, non-custodial vault for securing passwords, cryptographic private keys, Web3 seed phrases, and sensitive files, with AES-256-GCM encryption executed entirely in the browser and a PBKDF2-derived master key (100,000 iterations) that exists only in RAM, so secrets never leave the device unencrypted.
- Developed a responsive, bilingual (ID/EN) interface with SvelteKit, Svelte Runes, TypeScript, TailwindCSS, and GSAP scroll animations, implementing the cryptography with the Web Crypto API (SubtleCrypto), and shipped it live at *vaultprotocol.web.id* as an MIT-licensed open-source project with public documentation.

www.pixel.andidelouise.net , *Shader Backgrounds for React & Next.js*
Open-source, production-focused shader backgrounds for React and Next.js.A collection of shader components that uses Paper Design shaders with shadcn-compatible registry.

www.rupik.andidelouise.net , *Zero-Dependency Type-Safe HTTP Framework for Node.js*
A minimal, type-safe HTTP framework for Node.js built from first principles using *zero dependencies*. Production-ready with comprehensive security, performance optimizations, and modern developer experience.

Skills

Languages — Rust, TypeScript
Frameworks — Next.js, Node.js, React, Bun, Express, Anchor
Blockchain — EVM Stack Solidity, Hardhat, Chainlink, The Graph
Infra — PostgreSQL, MongoDB, Redis, Docker, AWS (EC2/ECS), Railway, CI/CD

Education

Bachelor of Informatics Engineering (Expected 2027), *Aug 2023 – Present*
Muhammadiyah University of Cirebon • GPA: 3.44/4.00