

FIKRI NURDIANSYAH

Frontend Developer | Web3 & Blockchain | Fullstack

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Surakarta, Indonesia

Open to: Remote (worldwide) | On-site relocation | Contract | Full-time | Project-based

PROFESSIONAL SUMMARY

Frontend developer with 3+ years of professional experience delivering Web3, SaaS, fintech, and e-commerce applications for international clients and government institutions. Led frontend development of a live Solana-based DEX as technical lead for a 15-person remote team. Currently contributing as a frontend contractor at UniteSync (Estonia). Built and launched SwiftThumbnail, an AI-powered SaaS product with paying customers acquired through cold outreach. Authored ZenTic, a decentralized NFT e-ticketing platform on Base L2 with smart-contract-enforced refunds, IPFS storage, and Midtrans payment integration. Deep expertise in React, Next.js, TypeScript, Golang, and Web3 integrations. Available for remote or on-site roles globally.

WORK EXPERIENCE

Frontend Developer

UniteSync, Estonia (Remote Contract) | Jan 2026 – Present | Remote

- Spearheaded end-to-end frontend development of 3 new projects from scratch, establishing solid foundations for seamless handover and future scaling.
- Contributed to 7+ diverse frontend projects across the company's ecosystem, collaborating cross-functionally with backend engineers and fellow frontend developers.
- Stepped in to resolve backend bugs during high-demand periods, maintaining project velocity across multiple concurrent deliverables.
- Handled complex frontend workflows ensuring smooth delivery from initial build to final deployment across collaborative multi-team projects.

Lead Frontend Developer

JA Software Solutions LTD, England, UK (Remote Contract) | Jan 2025 – Jan 2026 | Remote

- Served as primary technical lead for a 15-member frontend engineering team building a confidential Solana-based decentralized exchange (DEX), coordinating delivery via Discord and agile sprint workflows.
- Architected a high-performance trading UI in Next.js, TypeScript, and Tailwind CSS, translating complex Figma designs into fully responsive, high-frequency interaction interfaces.
- Engineered real-time on-chain data synchronization via WebSocket and REST APIs: live price feeds, token feeds, TradingView charts, order book updates, and transaction status tracking.
- Implemented secure wallet authentication via Turnkey Auth (Wallet Standard-compliant); handled Solana transaction signing, simulation, and error recovery via @solana/web3.js.
- Enforced code quality through PR reviews, performance budgets (code splitting, memoization), and reusable component libraries. Led product from private beta to public launch.
- Mentored junior developers and conducted code reviews to maintain scalability, security, and maintainability across the codebase.

Fullstack Developer

Oemah Website Software House, Indonesia (Internship) | Aug 2025 – Feb 2026 | Remote

- Built ExpertIndo, a full-stack digital certificate and training management platform automating the entire certificate lifecycle from participant enrollment to bulk generation and real-time public QR verification.
- Architected server-side bulk certificate rendering using Node.js Canvas with custom templates, participant data, and unique QR codes; built interactive admin dashboards with Recharts analytics and 4-tier RBAC.
- Designed system architecture for a national-scale closed-loop financing platform connecting cooperatives, banks, insurance brokers, and government ministries.
- Engineered an immutable Audit Trail system using JSONB snapshots and a Disbursement Gate with Auto Validation Engine for regulatory compliance and absolute data integrity.
- Designed integration architecture mapping Bank Indonesia's SNAP Open API for core banking disbursements and the digital e-meterai API for document validation.
- Built secure multi-role UI using the TALL stack (Tailwind CSS, Alpine.js, Laravel, Livewire) optimized for rapid development and scalability.

- Invited speaker at Universitas Jenderal Soedirman (UNSOED), presented Web Design and Soft Skills to 100+ IT students.

Project Manager & Frontend Developer

BKPSDM Surakarta, Indonesia (Internship) | Feb 2025 – Jul 2025 | Surakarta, Indonesia

- Led end-to-end development of a digital Training Registration System now used across 32 municipal departments of Surakarta city government.
- Managed stakeholder communication, led User Acceptance Testing (UAT), and ensured on-schedule delivery using Agile methodologies.
- Built responsive frontend with Laravel Blade and Bootstrap, integrating RESTful APIs for civil servant training workflow management.

Freelance Fullstack Developer

Independent (International Clients) | Aug 2023 – Aug 2025 | Remote

- Delivered 60+ web applications for international clients through long-term freelance relationships across e-commerce, SaaS, and Web3 over 2+ years.
- Built end-to-end solutions using Next.js, Node.js, TypeScript, Express.js, and Golang, secure RESTful APIs, scalable databases (PostgreSQL, MySQL, MongoDB), and real-time UIs.
- Integrated Web3 functionality via @solana/web3.js, Wagmi, Viem, and web3.js on Solana and Ethereum, wallet connectivity, on-chain interactions, transaction handling.
- Notable deliverables:
 - DigiPerpus, fullstack school library management system; 40 database entities, 4-tier RBAC, barcode printing, PWA, automated PDF/Excel/DOCX report generation. Stack: Next.js 14, Express.js, MySQL, Prisma.
 - Rumah Atalla, production e-commerce platform (MERN stack) with JWT auth, real-time search, and full analytics dashboard.

Teaching Assistant, Algorithms & Frontend Development

Universitas Sebelas Maret (UNS) | Jan 2024 – Jun 2024 | Surakarta, Indonesia

- Delivered hands-on practical sessions on algorithms and modern frontend frameworks to diploma-level students.
- Provided one-on-one code reviews and mentoring to support student learning outcomes.

KEY PROJECTS

ZenTic, Decentralized NFT E-Ticketing Platform

github.com/Fnz11/zentic | 2025 – 2026 | Open Source | Diploma Thesis

- Full-stack decentralized SaaS platform converting event tickets into ERC-721 NFTs on Base Layer-2. Users pay in IDR via Midtrans; the system auto-generates crypto wallets and mints NFT tickets behind the scenes.
- Features: dynamic QR codes refreshing every 60 seconds with cryptographic signatures, on-chain ticket transfers, smart-contract-enforced 75% automatic refunds, IPFS metadata storage, and a public on-chain audit trail portal.
- Stack: Next.js, TypeScript, Golang, PostgreSQL, Redis, Solidity, Foundry, IPFS, Midtrans, Zustand, Radix UI

SwiftThumbnail, AI YouTube Thumbnail SaaS

swiftthumbnail.com | 2025 – Present | Live Product

- Built and launched an AI-powered thumbnail generation platform. Acquired first paying customer via 15 cold emails. Features: style cloning, face swapping, background removal, AI upscaling, saliency heatmaps, CTR prediction, A/B testing console, and MCP integration for AI agents.
- Stack: Next.js, TypeScript, Supabase, TanStack Query, Zustand, Framer Motion, PostHog, Multi-modal AI APIs

Vyper Mini, Real-Time DEX Performance Showcase

vyper-mini.vercel.app | github.com/Fnz11/vyper-mini | 2025 | Live Demo

- Performance showcase demonstrating high-frequency real-time data rendering: react-window virtualization, micro-component architecture, diff-gating via Zustand stores, and React.memo optimization maintaining smooth FPS on massive virtualized card lists.
- Stack: Next.js, React, Zustand, TypeScript, TailwindCSS, Radix UI

traceit CLI, AI Codebase Indexer

github.com/Fnz11/traceit-cli | 2025 | Open Source

- Zero-dependency CLI indexing @traceit annotation comments from any codebase into machine-readable JSON for AI agents. Language-agnostic (TypeScript, Go, Python, Rust). Features: fuzzy search, stale annotation detection, CI integration, concurrent scanning with .gitignore awareness.
- Stack: TypeScript, Node.js

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, TailwindCSS, Zustand, TanStack Query, Framer Motion, Radix UI, Shadcn UI, WebSocket, GraphQL, Livewire, Alpine.js

Backend: Node.js, Golang, Express.js, Elysia.js, Laravel, PHP, RESTful APIs, gRPC, PostgreSQL, MySQL, MongoDB, Redis, Prisma, TypeORM

Blockchain: Solidity, Foundry, Ethereum, Base L2, Solana, ERC-721 NFTs, @solana/web3.js, Wagmi, Viem, IPFS, Smart Contracts

AI & Tooling: Multi-modal AI APIs, MCP integration, Node.js Canvas, PostHog, Supabase, Git, GitHub, Figma, Vercel, Docker

Soft Skills: Technical leadership (15-person team), remote async collaboration, stakeholder communication, agile delivery, public speaking, mentoring

EDUCATION

Diploma, Informatic Engineering
Universitas Sebelas Maret (UNS) | 2022 – 2026 | Surakarta, Indonesia

- Thesis: ZenTic, Decentralized NFT E-Ticketing Platform (open source, Base L2, Solidity, Next.js, Golang). Passed thesis defense.

CERTIFICATIONS

Frontend Development Bootcamp, SISTEM, 2024

React JS Certification, Codepolitan, 2023

Node.js Certification, Codepolitan, 2023

MongoDB Certification, Codepolitan, 2023

SPEAKING & COMMUNITY

- Invited Speaker, Web Design & Soft Skills, Universitas Jenderal Soedirman (UNSOED), 100+ IT students
- Sponsorship Staff, Smart IT Festival 2024, E-Mailkomp SV UNS (stakeholder proposals, sponsor negotiation)

LANGUAGES

Indonesian: Native

English: Professional working proficiency, written and verbal, international client and team experience