JOSHUA GALILEA
Frontend Engineer

Bandung, Indonesia (UTC+7) • (+62) 81313084427 • joshuag.profesional@gmail.com

[LinkedIn](#) • [Portfolio](#) • [GitHub](#)

PROFESSIONAL SUMMARY

Frontend Engineer with 3+ years of experience building production fintech and Web3 applications using React, Next.js, React Native, and TypeScript. Developed multi-chain wallet features (Ethereum, Solana, Base, BNB) for a crypto exchange platform serving hundreds of daily active users. Built AI-powered applications with RAG pipelines, vector databases, and multi-agent orchestration. Reduced development time by ~40% through AI-assisted coding while improving test coverage from 50% to 90%. Combines deep frontend expertise with emerging AI/LLM application development skills.

TECHNICAL SKILLS

Expert: React, Next.js, TypeScript, Tailwind CSS, Web3 (wagmi, viem, ethers.js, RainbowKit, Dynamic Labs, WalletConnect)

Proficient: React Native, Python, FastAPI, State Management (Zustand, React Query), Firebase, AI/LLM Integration (RAG, Pinecone, Groq), Testing (Jest, Playwright, Synpress), JSDoc, Framer Motion, MUI, Socket.IO, SEO, Performance Optimization (Lighthouse, Core Web Vitals)

Familiar: Solidity, Hardhat, Foundry/Anvil, Docker, Multi-Agent Systems (uAgents, MCP), Account Abstraction (ERC-4337), Datadog, Sentry, GSAP

PROFESSIONAL EXPERIENCE

Frontend Engineer
Nanovest — US Stock, Crypto & Gold Exchange | Jakarta (Remote) | May 2023 – Present

- Developed multi-chain Web3 wallet features supporting Ethereum, Solana, Base, and BNB chains using Dynamic Labs, wagmi, and viem, enabling daily on-chain transactions for hundreds of active users.
- Built and maintained production React Native fintech app (v5.1.0) with 150+ dependencies, multi-environment builds (dev/QA/staging/prod), and CodePush OTA deployments.
- Improved unit test coverage from ~50% to ~90% across web repositories using Jest, Testing Library, and MSW, integrated with SonarQube quality gates.
- Implemented 25+ features and 150+ improvements across web (Next.js 14, MUI, Tailwind) and mobile platforms with Storybook documentation.
- Revamped product landing pages and deep linking architecture using Adjust, improving cross-platform navigation and conversion flows.
- Migrated news platform to Strapi headless CMS with Lexical rich-text editor, streamlining content management for 10+ editors.

Full Stack Developer Trainee
Techconnect — Sinarmas Mining Group | Jakarta (Remote) | May 2022 – May 2023

- Developed StarAM asset management dashboard tracking 5+ mutual fund products with daily fund flows, used by 10+ asset managers at Star Asset Management.
- Built full-stack applications during 12-month training using React.js, React Native, Golang, and PostgreSQL with RESTful API design and unit testing.

PROJECTS

Verdex — AI-powered transition finance platform with RAG pipeline validating projects against LMA frameworks. Features semantic search over 500+ indexed legal clauses, greenwashing detection, DFI matching, and PDF generation. Next.js 16, Pinecone, Groq. verdx.site

TORY AI Insights — Multi-agent crypto analytics system with coordinator orchestrating 3 specialized agents (tokenomics, unlock schedules, financial statements). Python, FastAPI, uAgents. GitHub

Kintoss DApp — Web3 platform enabling users to exchange recyclable waste for ERC-20 tokens, accumulate rewards, and redeem for ETH. Multi-wallet support via RainbowKit, WalletConnect, Coinbase OnchainKit. Next.js, wagmi v3, viem, Firebase. GitLab

EDUCATION

Bachelor of Science in Computer Science | Telkom University, Indonesia | November 2021
Final Project: Stock price prediction using Hidden Markov Model (HMM) for time-series analysis

CERTIFICATIONS

  • Anthropic — Claude Code in Action: AI-assisted coding practices for enhanced productivity
  • Cyfrin — Chainlink Fundamentals: Oracle networks, cross-chain protocols, smart contract development
  • Chainlink — Blockchain Fundamentals: Core blockchain principles and architecture

LANGUAGES

English (B2) • Indonesian (Native)