Nashir Jamali

Software Engineer

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Website | Linkedin | Github

Technical Skills

Frontend: TypeScript, React.js, Next.js, React Native, Redux, Tailwind CSS
Backend & Infrastructure: Node.js, Go, Python, GraphQL, PostgreSQL, MongoDB, Kafka, Docker
AI & Agents: LangChain, LangGraph, Fetch.ai, MindsDB, NLP
Web3 & Blockchain: Solidity, ICP, Solana, Base L2, EVM Networks
Methodologies & Tools: Agile/Scrum, Microservices, Clean Architecture, Git

Working Experience

Part Time Web3 Developer - Neuro Trading Bot (December 2025 - October 2026)

- Shipped REST API endpoints (manual buy execution, sniper bot creation/management, copy-trade performance stats, portfolio performance charts, admin wallet lookup), as measured by expanded trading and admin functionality across the platform, by designing and building them with Node.js, TypeScript, and Solana Web3.js within a Clean Architecture backend.
- Cut stale data and improved ingestion reliability, as measured by faster high-throughput token lookups and reduced error rates on the on-chain data path, by building a token indexer/whitelist system using Solana Web3.js and Helius RPC streaming, with Redis caching and resilient block-time/error handling.

Part Time AI Engineer - Kolibri for Impact (April 2023 - October 2026)

- Designed a multi-agent AI system using Python, LangGraph, and LangChain — with a smart router orchestrating agents for data processing, insights, and sales strategy via MindsDB-powered pipelines, reducing manual workflow coordination by ~60% across 3 core business functions.
- Built a full-stack Tender Management System for European clients with ESG compliance logic embedded into the bidding flow, cutting bid preparation time by ~40% and enabling the team to handle 3× more sustainability projects per quarter.

Mitrais (September 2021 - May 2026)

Jenius, SMBC Indonesia (February 2025 - May 2026)

- Led Visa digitalization integration — enabling Apple Pay & Google Pay card enrollment and migrating legacy bindings to the Visa Tokenization framework, strengthening payment security for ~1M+ active cards.
- Built an event-driven payment system with Kafka and Node.js alongside scalable GraphQL APIs and MongoDB data layers, achieving ~99.9% message delivery reliability and ~30% faster API response times through performance testing and query optimization.

Pertamina Marine Solution (January 2025 - February 2025)

- Shipped 2 enterprise mobile apps with React and Expo — implementing OTA updates to accelerate release cycles and reduce maintenance overhead, while delivering an international shipping management app with interactive dashboards for real-time maritime operations tracking.

Jenius, BTPN Indonesia (January 2023 - December 2024)

- Built a Digital Banking app from scratch with React Native — delivering core features (account management, payments, onboarding) with an elderly-friendly UX, serving 6M+ active users.
- Architected a system of 20 modular packages that isolated features across squads, cutting build times by ~40% and eliminating cross-team code conflicts to accelerate release velocity.
- Collaborated with Product, Design, and Backend teams to translate wireframes into polished, and production-ready UI.

Kargo Technologies (September 2021 - December 2022)

- Built 2 Go microservices for the Last Mile logistics system while maintaining legacy Elixir services for Transporter Management.

- Optimized large-scale PostgreSQL performance through redesigned multi-table joins, cutting data retrieval time by ~50% for high-volume transactions while maintaining 80%+ unit test coverage for stable deployments.
- Bridged cross-functional teams across BD, Frontend, and Operations to align vendor features, API contracts, and daily logistics workflows — reducing cross-team integration friction significantly.

Telkom Indonesia (February 2021 - March 2022)

- Architected an automated data pipeline with real-time anomaly detection and scalable database schemas to flag fraud, mitigate risks, and ensure high availability across core financial applications in an Agile environment.

Education and Certifications

- AI Engineer for Developers Associate - **Datacamp** - 2026
- Fullstack Blockchain Developer Bootcamp - **Pelita Bangsa Academy -** 2025
- Advance React Bootcamp - **Meta, Coursera** - 2023
- Bachelor of Computer (Cumlaude) - **Dinamika University, Surabaya** - 2021

Awards & Achievements

3rd Place Asia & 2nd Place National – *Web3 World Computer Hacker League by Internet Computer (ICP)* | **2025**
Awarded out of numerous regional innovators for developing "Plantify," an advanced decentralized solution built on the ICP blockchain ecosystem.

3rd Place National – *Internet Computer (ICP) Hackathon 12 Indonesia* | **2025**
Recognized among top national blockchain developers for pitching and engineering "Savr," an innovative decentralized mobile/web application solution.

Finalist (Asia) – *Lisk Builder Challenge Asia (Web3)* | **2025**
Selected as a top regional finalist for designing and developing "Urip," a decentralized investment platform architecture.

2nd Place National – *Internet Computer (ICP) Hackathon 6.0* | **2024**
Recognized for the initial architecture and successful MVP launch of the "Plantify" ecosystem.

1st Place National – *Android Application Development Competition, Udayana University* | **2020**
Awarded Champion for engineering "MahaGuru," an impactful mobile application designed to democratize access to education for underprivileged students.

Personal Projects

Plantify – Decentralized Web3 Application | *Source* — A multi-award-winning ICP platform that tokenizes startup equity into tradeable NFTs with an AI Co-Pilot for due diligence, earning 3rd in Asia (2026) and 2nd Nationally twice (2024 & 2026) at ICP World Computer Hacker Leagues.

Savr – Decentralized Financial Application | ***Source*** — A decentralized savings platform that earned 3rd Place Nationally at ICP Hackathon 12 Indonesia, featuring transparent on-chain financial workflows and secure client-to-blockchain communication.

Urip (Universal Real Investment Platform) – Web3 DeFi Platform | *Source* — A decentralized real-world asset investment platform selected as a Regional Asia Finalist at the Lisk Builder Challenge, powering asset tokenization with seamless wallet integration and immutable ledger tracking.

Cypher – Privacy-Preserving Web3 Wallet & MiniApp | *Source* — A non-custodial crypto wallet on Base L2 that brings cash-level privacy using ECDH stealth addresses, on-chain discovery via Blockscout, and human-readable @usernames for private peer-to-peer transfers.

Adol – Autonomous AI Sales Agent & Web3 Platform | *Source* — An autonomous AI sales platform on ICP that uses Fetch.ai agents, Computer Vision, and NLP to automate listings, negotiations, and cross-posting across 5+ marketplaces like Tokopedia, Shopee, and Facebook Marketplace.

MahaGuru – Social-Impact Android Application | *Source* — A 1st Place Nationally-winning learning app (Udayana University App Dev Competition) powered by Machine Learning and NLP, acting as a personal teacher and study buddy for students.