

Lucky Victory

Backend Software Engineer | TypeScript, Node.js | Fintech and Payments

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PROFESSIONAL SUMMARY

Backend Software Engineer with 3 years of experience building TypeScript APIs and payment systems (Node.js, Fastify, PostgreSQL, TiDB, MongoDB). Built access control, ledger-safe wallet operations and Nigerian banking integrations (9PSB, NIBSS) for a cross-border fintech, and built the official Afriex TypeScript SDK. Maintains open-source packages with 9,000+ npm downloads.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, SQL
- **Backend:** Node.js, Fastify, Express, REST APIs, Webhooks, BullMQ, Redis/Valkey
- **Databases:** PostgreSQL, MySQL, TiDB, MongoDB, Mongoose, Drizzle ORM
- **DevOps and Testing:** Docker, GitHub Actions (CI/CD), Cloudflare Workers, Linux VPS, OpenTelemetry, Prometheus, Jest, Vitest
- **Fintech:** Payment integrations, ledger design, RBAC/ABAC, maker-checker approvals, NIBSS/NIP standards, idempotency
- **AI Engineering:** LLM tool calling, AI agents, Model Context Protocol (MCP), Vercel AI SDK

PROFESSIONAL EXPERIENCE

Software Engineer | Nippy | Oct 2025 - Present

Cross-border fintech platform | Part-time, Remote

- Made API responses 60% faster by optimizing database indexes, cutting database round trips and adding a caching layer.
- Redesigned the database schema, cutting duplicate records by 50%.
- Built the access control module for the payments backend in TypeScript: RBAC and ABAC with maker-checker approval workflows across nine fintech roles, shipped as a reusable Mongoose plugin.
- Designed a fund reservation system that turns wallet balance locks into traceable ledger records, using MongoDB transactions for atomicity, TTL expiry plus a sweep job to recover stuck funds, and reconciliation to detect balance drift.
- Integrated 9PSB wallet-as-a-service and value-added services (VAS) APIs, and implemented NIBSS-compliant session ID and transaction reference generators validated against real transaction samples.
- Added correlation IDs for end-to-end request tracing, and led the web and mobile apps built on these APIs.

Developer Relations Engineer | Afriex | Apr 2026 - Oct 2026

Cross-border payments for African markets

- Built and maintained the official Afriex TypeScript SDK (@afriex/sdk).
- Built Afriex payment plugins for Medusa and for WordPress/WooCommerce.
- Built reference backends for the Afriex Business API, including a digital marketplace with checkout and creator payouts (Fastify, PostgreSQL, Drizzle).

Freelance Software Developer | Self-employed | 2024 - Sep 2025

- Built a bookkeeping application for a Nigerian business to track sales, customer credit and expenses, making its records 80% more accurate than pen-and-paper bookkeeping (Next.js, Node.js, TiDB).
- Built a restaurant management platform for a South African business to manage customer orders (Next.js, Node.js, TiDB).

PROJECTS

pii-mask | Open-source PII masking toolkit | github.com/codewithveek/pii-mask

- Built a zero-dependency TypeScript masking engine with 31 detectors (including Nigerian NIN and BVN) and six modes, including reversible tokenization; published as four npm packages with 9,000+ combined downloads.

Zia | Founder and Engineer | Sep 2026 - Present | getzia.xyz

- Built an inventory forecasting and reordering SaaS for Shopify merchants, maintained as two builds in feature parity (Node.js and Cloudflare Workers) on TiDB, with better-auth organizations, 2FA, API keys and an audit-logged admin console.

DriftWatch | Open-source AI agent observability SDK | github.com/codewithveek/drift-watch

- Built a TypeScript SDK that traces agent tool calls as OpenTelemetry spans, detects behavioral drift from Prometheus metrics, and runs a policy-driven autopilot with human approval for destructive actions.

TECHNICAL WRITING

- 34 DEV Community articles (@codewithveek, 5,000+ views, 18 for Afriex) on TiDB and AI, security and payments.