

GyeongChan Jang

Product Engineer · Zeronics

Frontend for Web3 protocols by day. Four live products of my own at Zeronics.

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EXPERIENCE

APYX Frontend

2026.06 –

Dividend-backed stablecoin protocol

- Added BNB Smart Chain support and integrated the LI.FI bridge widget, upgrading to v4 to fix a null permit signature crash
- Migrated Earn / Lending / Looping / Rewards to a light theme, syncing Figma design tokens into code and refactoring shared components to be theme-reactive
- Built frontend smoke monitoring: Playwright specs on a k8s CronJob, hardened against flaky DNS and worker contention
- Wired PostHog identify by wallet id, added a useFeatureFlag hook, and designed the first-visit onboarding view
- Authored ArgoCD manifests and made the production deploy workflow fast-forward safe

Next.js 16 · React 19 · TypeScript · wagmi · TanStack Query · PostHog · Playwright · ArgoCD

Encrypt Frontend

2025.01 – 2026.05

Fragmetric – Solana restaking protocol

- Built the core user flows: wallet connect, restaking, portfolio, and F Point rewards
- Designed the F Point rank and boost UI, wiring on-chain activity through GraphQL and TanStack Query
- Added boost steps to the Go point-settlement pipeline myself (accumulation day, Topu NFT boost)
- Built i18n from scratch for DFDV (DeFi Development Corp, Nasdaq listed) plus Korea entity routing
- Shipped Topu, a Telegram mini app, solo from concept to deploy in four days as an internal side project

Next.js · TypeScript · Solana web3.js · GraphQL · TanStack Query · Go · Supabase

Foodnote Service Engineering

2022.11 – 2024.12

Jangbudaejang – F&B franchise management SaaS

- Built the commercial-district analytics product alone, using the full Naver Map surface (markers, polygons, polylines, clustering) for distance measuring, radius drawing, and polygon area
- Fixed a freeze when removing 2,000+ map elements by moving the teardown from setInterval to requestAnimationFrame
- Proposed GraphQL when backend capacity ran short and owned it from schema to resolvers. Worked around Prisma limits with MySQL JSON_EXTRACT and a raw CASE statement for bulk updates, cutting a 4s response to 0.3s
- Owned the map screens in the React Native app renewal, proposing drag-controlled BottomSheet with an extra snap point so the map could breathe
- Visualized large SNS trend datasets with D3 and Chart.js, and wrote the user guide in GitBook myself

React · Next.js · TypeScript · React Native · GraphQL · Apollo Server · Prisma · MySQL · Naver Map

PRODUCTS I BUILD AND RUN

Runxel runxel.com	Every running event in Korea, in one place. A nightly cron ingests events on three tracks, an LLM adjudicates, and publishing is automatic. Delivery is by map, calendar, and email alerts. Own · 2026 · Next.js 16, Expo, Supabase, GitHub Actions, Vercel Cron
Snapxel snapxel.ai	Find your race photos by face or bib. An async pipeline from S3 to SQS, Lambda, and Step Functions runs bib detection and face indexing in parallel. One selfie finds your photos. Own · 2025 – 2026 · Next.js, tRPC, AWS Rekognition, Step Functions, Lambda
Langxel langxel.io	English shadowing on top of YouTube. We take word-level auto-captions and let an LLM split on grammatical boundaries. Measured across four videos, awkward breaks ran 38-44% for the benchmark app and 2-6% for ours. Own · 2026 · Next.js 16, React Native, Supabase, Vercel AI Gateway, Azure Speech
GigOn gigon.io	Location-based day work matching in the Philippines. We match and never touch the money. Wages are cash on site, workers pay nothing ever, and a job only closes when the worker types the four-digit PIN the employer issues. Own · 2026 · Next.js, Expo, Supabase, Turborepo, Semaphore SMS
Driimz driimz.com	A physical raffle you enter with NFT purchase rewards. Instead of selling tickets we sell an NFT and grant credits as a bonus. Crossmint handles card payments and custodial wallets, so email login is enough. Client · 2026 · Next.js 16, NestJS 11, Prisma 7, PostgreSQL, Crossmint

SHIPPED MOBILE APPS

런셀 Runxel iOS · Android v1.3 · 2026.07 A map and calendar of running events	랭셀 Langxel iOS · Android v1.0.3 · 2026.07 English shadowing on YouTube	GigOn iOS · Android v1.1 · 2026.07 Day work matching in the Philippines
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STACK

Frontend TypeScript · React 19 · Next.js 16 · React Native / Expo · Tailwind v4 · TanStack Query · Motion	Backend Node.js · NestJS · tRPC · GraphQL · Go · PostgreSQL · Prisma / Drizzle · Supabase
Infra AWS CDK · Lambda · Step Functions · DynamoDB · Vercel · GitHub Actions · ArgoCD · Oracle VPS	Product ops PostHog · Playwright · PortOne · AdSense · Google Ads · Meta Ads · SEO

EDUCATION

Inha University, Physical Education	2018 – 2022
FastCampus Frontend Bootcamp	2022

CERTIFICATIONS

Engineer Information Processing	2024
SQL Developer (SQLD)	2021
ADsP	2021

RUNNING

Three full marathons (JTBC Seoul 2023, Tokyo 2024, Kyoto 2025). Runxel and Snapxel both came out of problems I hit while running.