

Benno Alif Anggara

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EXPERIENCE

JALINTRAKSI – Tangerang, Indonesia

Fullstack Engineer (July 2024 – Present)

- Developed and maintains Jalintraksi.com, a platform empowering **500+ content creators** to **monetize livestreams** through **real-time donations** and distribute both **free and premium content**.
- Built and scaled a tiered subscription system on Jalintraksi.com, enabling recurring revenue growth from ~IDR 1M to ~IDR 18M (+1,290%) and expanding the platform's monetization capabilities beyond one-time transactions.
- Built and optimized backend services using **Java Spring Boot**, integrating with **Next.js** for frontend, **MySQL** for structured data management, and **GCP** for scalable cloud hosting.
- **Reduced infrastructure costs by ~70%** by leading the **migration from GCP to AWS** using **Pulumi**.
- **Handles over 1,000 transactions per month**, ensuring smooth payment processing and system stability during high-traffic events.
- Built and deployed a **containerized observability stack** (Grafana, Prometheus, Loki, Node Exporter, and MySQL Exporter) to centralize monitoring and improve incident response.

ROXI.EARTH (MELCHOR GROUP INDONESIA) – Jakarta, Indonesia

Backend Engineer (January 2023 – July 2024)

- Implemented **Backend** using **ExpressJS** and **Prisma ORM**, integrating **AWS SES** for email communication, **AWS S3** for file storage, and a **payment gateway** for user transactions.
- Handle user registration process, **KYC Verification Pipeline** using **Xignature**.
- Developed a **CRM web application** for the marketing team, enabling **demographic analysis** and targeted **newsletter campaigns**.
- Assisted in developing key features for a **trading system**, utilizing **QuestDB**, **Redis**, and **socket.io** for seamless functionality.

RIMBUNI (MELCHOR GROUP INDONESIA) – Jakarta, Indonesia

Backend Engineer (June 2023 – July 2024)

- Developed a **backend system** to **calculate, analyze, and manage** greenhouse gas emissions generated by the company. **Assisted** companies in establishing **emission reduction targets** and **offsetting emissions**.
- Developing a **backend system** for **monitoring planted trees**, which includes **managing forest project data** and **blocks**, while also enabling **NGOs** to **monitor trees** within their assigned projects.
- Developed a **backend system** facilitating the management of **forest projects**, empowering companies to contribute to enhancing Environmental, Social, and Governance (**ESG**) efforts.
- Integrated an efficient API Key mechanism enabling companies to make immediate contributions through incoming transactions, while individuals can participate by donating via an integrated **payment gateway**.
- Utilized **Docker** for containerization and the **AWS** environment, employing services like **RDS** for database management and **ECR** for Docker image storage.
- Implemented **CI/CD** pipelines with **CodePipeline** for streamlined development and deployment.

PROJECTS

MONSTR FIGHT PIT | Next.js, TailwindCSS, Prisma, PostgreSQL

Architected and developed a **full-stack gym management platform** handling member onboarding, subscription lifecycle management, invoicing, payment tracking, trainer scheduling, and **QR-based access control**. Centralized operations for **10++ staff users** and **10++ active members**, replacing manual workflows with automated validation, **role-based access control (RBAC)**, and real-time operational reporting. Reliably processes **100++ transactions per month** with stable performance and secure data handling. Deployed on a **VPS infrastructure using Coolify**, ensuring controlled environment configuration and scalable service management.

POWERBUILDING | Next.js, TailwindCSS, Supabase, Vercel

Developed a **modern, responsive website** for a gym, showcasing **services, class schedules, and membership options**. Built with **Next.js** for **high performance** and **TailwindCSS** for rapid UI development, with **Supabase** as the backend and database for streamlined content and data management. Implemented an **AI-powered advisor** to deliver **personalized workout routines** and **nutrition plans**. The solution **increased membership retention by 30%**, providing a **frictionless experience** that keeps clients engaged and returning.

GEOSAGE | React, FastAPI, PostgreSQL

Developed a **data analytics dashboard** and **ETL data gathering tools** for processing and visualizing **geospatial data**. The system enables efficient **data extraction, transformation, and loading (ETL)** workflows, allowing businesses to make data-driven decisions. The frontend was built using **React**, providing an interactive and user-friendly experience, while the backend, powered by **FastAPI (Python)**, ensures fast and scalable API performance. **PostgreSQL** was used as the primary database to handle complex geospatial queries.

METALAND | Django Rest Framework, MySQL, Python

Developed a **backend system** to manage **property tokenization** business operations, encompassing **property management, transaction management, user management, dividend management, affiliation, and KYC** functionalities.

TPR METALURGY INTERNAL TOOLS | NextJS, Tailwind, tRPC, Typescript, S3

Contributed to the development of internal tools with a team of **4 people** to manage **business operations** such as **offering** and **purchase order management, client book management, reporting dashboard, invoice generation, PDF printing, and material management**. The application was created using **NextJS Fullstack** and deployed on **Vercel** with **Vercel Postgres** as the **database** and **S3** for **object storage**.

KARBON INTELIJEN INDONESIA | Django Rest Framework, Python

Developed a **backend system** integrating **AI technologies** including **Natural Language Processing** for news summarization and **forecasting** future carbon credit prices. **Scraped data** from over **300.000++ carbon credit projects** across 7 registries. Provided a comprehensive **market research and analysis** service to identify trends and opportunities in the carbon offset market. Offered a flexible reporting system encompassing **data collection, analysis, and visualization** features.

SKILL

Languages : JavaScript, TypeScript, Python, Java, Golang
Frameworks/Libraries : Next.js, React, Express, Spring Boot, FastAPI, Django, Echo.
Database/Tools : PostgreSQL, MySQL, Redis, Docker, AWS, GCP

EDUCATION

Universitas Komputer Indonesia (Bandung, Indonesia 2018 - 2022)

B.S in Informatics Engineering - 3.53/4

Thesis: *Market Segmentation on Twitter Social Media Using the Social Network Analysis Method in a Digital Marketing Application*