KLYNE DOTAROT

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Education

Mapúa MCM **Expected Graduation: May 2027**
Bachelor of Science in Computer Science *Davao City, Philippines*
- **Courses:** Data Structures, OOP, Web Programming, Software Engineering, Databases, Operating Systems, Data Science/ML, and Security/Networks

Work Experience

KC Store **Sep 2025 – Present**
Family Business Developer *IGACOS, Davao*
- Developed a full-stack POS and inventory system managing **50+ SKUs** with real-time stock tracking, reducing **manual entry errors** through automated validation and role-based access controls.
- Designed a type-safe API layer and database schema supporting multi-user concurrent transactions.

ICT Davao, Inc. **Nov 25 2025**
Hackathon Champion *Davao City*
- Contributed to the development of CacaoSight, an AI-powered B2B supply chain platform that was awarded Champion at the 2025 AI Frontiers Hackathon.
- Designed the system that powers the AI live map, data flow, and real-time updates between suppliers and manufacturers.

SudoTech+ **Nov 30 2025 – Present**
Software Developer *Davao City*
- Actively developing software solutions for our client, the Department of Labor and Employment (DOLE)
- Collaborating remotely with a 15-person engineering team on coding, system design, and feature implementation.
- Contributing to ongoing development, testing, and delivery of client-ready applications.

Projects

AI Coding Agent | *Website* | *Source Code* **NextJS | Prisma | tRPC | Inngest | Clerk**
- Developed and deployed an **AI SaaS platform** with **autonomous agent workflows** using Inngest Agent Kit and E2B sandboxed code execution.
- Implemented **type-safe full-stack architecture** with Next.js 15, tRPC, and Prisma with edge caching.

Patient Management Microservices | *API* | *Source Code* **Spring Boot | PostgreSQL | AWS**
- Developed and deployed a cloud-native healthcare system using **Spring Boot** and **AWS**, designing 5 microservices with **Kafka**, **gRPC**, and **Protocol Buffers** for efficient, event-driven communication.

CacaoSight | *Website* **NextJS | Flash API | PostgreSQL | NodeJS**
- CacaoSight is an AI-powered B2B supply-chain platform that provides real-time, transparent connections between cacao suppliers and chocolate manufacturers through a live map with analytics and industry-wide updates.

Technical Skills

Languages: Java, JavaScript, TypeScript, SQL, HTML5, CSS
Developer Tools: AWS, Postman, Git, Docker, Prisma, tRPC, Clerk, gRPC, Kafka, Redis
Libraries/Frameworks: Spring Boot, ReactJS, NextJS, NodeJS, PostgreSQL