

KLYNE CHRYSLER

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Education

Mapúa MCM

Bachelor of Science in Computer Science

Aug 2024 - May 2027

Davao City, Philippines

Work Experience

Inventiv (Website)

Feb 2026 – Present

Full-Stack Developer

Davao City

- Responsible for leading a **web automation project** built with **Python/Flask, TanStack Start**, and **DynamoDB**, driving code quality review, primarily owning **DynamoDB optimization** resulting in **99% latency reduction**, and ensuring the automation runs at scale 24/7.
- Responsible for rewriting and owning features across a **distributed system** with **5 NextJS apps, MongoDB**, and **Ably**, applying **onion architecture** and **agentic development** to improve **SDLC** speed.

Inventiv

Jan 2026 – Feb 2026

Full-Stack Developer Intern

Davao City

- Responsible for **Plex's performance optimization**, owning the **CRM feature lifecycle**, driving **SOLID** and design pattern adoption to **eliminate 20K lines of Flutter code**, establishing **TDD** practices, and achieving **~70% latency reduction** via **Firestore** indexing, eager loading, and **600 to 5 cached reads**.

Leadership Experience

Design Lead (Event)

Nov 2025

- Responsible for leading the **system design** and delivering the MVP of a **supply chain tool** that automates **90% of manual tracking workflows**, earning the **Champion** award from **Pearson Asia Pacific**.

Backend Lead (Event)

Feb 2026

- Responsible for leading the **backend development** during a 4-day hackathon, coordinating with teammates on **frontend** and **data scraping**. Delivered a MVP, achieving **3rd place overall**.

Projects

Donk (Demo)

Inngest, E2B, tRPC

- Built a **Vibe-Coding AI platform** using **Inngest workflows** and **E2B sandboxing** with a **vertical-slice serverless architecture** and **type-safe tRPC stack** for high-performance automated coding.

PMS API

Spring Boot, PostgreSQL, AWS

- Built a **Patient Management System API** with **Spring Boot** using **N-layer architecture** and **five modular services**, leveraging **Kafka** for event-driven messaging, **gRPC** for low-latency communication, and **Docker** on **LocalStack**.

Claudeow (Demo)

PC Tools, Telegram, Claude Code

- Built an **Automation Tool** using **slash commands** to remotely orchestrate the software development lifecycle, automating **code execution, Git operations, system tasks, approvals, and notifications**.

HLY (Demo)

NextJS, Supabase, Genkit

- Built a **Nursing Exam Prep App** with **NextJS** and **Supabase** using **vertical-slice architecture**, featuring **peer-to-peer flashcard sharing** and leveraging the **Genkit Framework** for **PDF analysis, PNLE-style question generation**.

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, Dart, SQL, HTML5, CSS

Developer Tools: AWS, Firebase, Postman, Git, Docker, Prisma, tRPC, Clerk, gRPC, Kafka, Redis, Neon, Playwright

Libraries/Frameworks: Spring Boot, ReactJS, Flask, NextJS, NestJS, NodeJS, Flutter, PostgreSQL, MongoDB