

Christopher Diuyan

Full-stack Product Engineer · Mobile · Systems Architecture

christopher.diuyan05@gmail.com LinkedIn (<https://www.linkedin.com/in/christopher-diuyan>)

Profile

I work across the product and engineering boundary, turning unclear requirements into software with deliberate behavior, boundaries, and failure states.

My experience spans mobile, web, and backend systems in banking, payments, and asset operations. I am strongest when a product needs both hands-on delivery and careful technical judgment.

Experience

Card Issuing Mobile App

2024-current

Application Developer, RS2

A cardholder application for a card issuing platform, shipped to Android and iOS: transaction history, card management, and the bonus points earned on eligible purchases.

Building the Flutter client and the data layer behind it against a Parse Server backend. The codebase is organized feature by feature, with the business rules kept independent of the framework so every cardholder action has one owner, state held outside the UI, and failures returned as values rather than thrown. Transaction history and points are cached on the device so the app still reads when the network does not, and the rules, the data layer and the state logic are covered by unit tests against mocks.

Flutter · Dart · Parse Server · Hive · Firebase · Bloc · GetIt

E-Wallet Mobile Banking System

2023-2024

Application Developer, RS2

A mobile banking application covering bill payments, bank transfers, transaction monitoring and card security.

Worked across the mobile client and the backend services behind it, on an Ionic and Angular front end talking to Java Spring Boot services deployed as containerized microservices.

Java · Spring Boot · Ionic · Angular · TypeScript · Docker

Assets Tracking System (Web)

2022-2023

Software Engineer, You_Source Inc.

A web application monitoring assets across multiple countries in Africa, with reporting for the teams responsible for them.

Worked in a cross-functional team on new features, defect resolution and performance improvements across an ASP.NET and C# application backed by SQL Server.

C# · ASP.NET · .NET Core · SQL Server · Entity Framework

Assets Tracking System (Mobile)

2022

Software Engineer, You_Source Inc.

The mobile counterpart to the tracking platform: asset monitoring and tracking in the field, shipped to both Android and iOS.

Built the mobile application from a single Ionic codebase targeting both platforms, deployed on Google Cloud Platform, applying design patterns and SOLID principles and covering behavior with unit tests.

Ionic · TypeScript · Google Cloud Platform · Android · iOS

Quotation System

2021

Software Engineer, You_Source Inc.

A web-based quote generator producing document and Excel exports for sales workflows.

Built the Angular and TypeScript front end, worked through Azure DevOps for source control and pipelines, and verified API behavior with Postman. Covered the logic with unit tests using mocks and stubs, alongside acceptance testing.

Angular · TypeScript · Azure DevOps · Postman

Selected projects

Viahe

Personal project · In progress · Solo, AI-assisted

A convoy-based journey platform. Conventional navigation asks where you are going; this asks how a group travels there together, which turns out to change almost every part of the system underneath it.

React Native · Expo · TypeScript · Hono · PostgreSQL · PostGIS · Drizzle · Supabase

Education

Polytechnic University of the Philippines

2017-2021

BS Information Technology (Cum Laude), Anonas, Sta. Mesa, Manila

Kaunlaran High School

2011-2015

Secondary Education, Navotas City, Metro Manila

Technical skills

Languages: C#, TypeScript, Java, JavaScript, SQL, Dart

Mobile: Flutter, Ionic, Bloc / Cubit, React Native, Expo, Expo Router, NativeWind

Frontend: Angular, React, HTML & CSS, Tailwind CSS, Zustand, TanStack Query

Backend: .NET / ASP.NET, Java / Spring Boot, Node.js, Hono, REST APIs, Parse Server, Zod

Data:

SQL Server, MySQL, PostgreSQL, PostGIS, Drizzle ORM, Entity Framework, Firestore, Hive (on-device), Supabase

Engineering:

Git, Docker, CI/CD, Unit testing, Acceptance testing, Vitest, Maestro (E2E), SOLID & GoF patterns, Clean Architecture, Domain-Driven Design, Dependency injection, API design, Monorepo (pnpm, Turborepo)

Cloud & Infrastructure: Azure, Azure DevOps, Google Cloud Platform, Firebase, Render, GitHub Actions, Sentry

Certificates

Recognition Core Value - Proactive of the Year, You_Source (2022)

Associate Software Engineer 4, You_Source (2022)

Associate Software Engineer 3, You_Source (2022)

Associate Software Engineer 2, You_Source (2021)