

# Sun Adriann Envidiado

## *Software Developer*

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I am a Software Developer from Metro Manila with 6+ years of experience. My core expertise is in Flutter, C# & .NET, and PHP & Laravel, with a strong proficiency in Firebase and Cloudflare solutions. Whether I'm working with TypeScript, React, Vue.js, or managing PostgreSQL and MySQL databases, I leverage CI/CD and Docker to build and deploy scalable, high-level architecture across any environment.

## *Work Experience*

### **Flutter Developer · Miquido**

June 2025 – Present

I build scalable iOS and Android applications using Flutter, integrating LLMs and designing robust architectures for complex fintech and service sectors.

- **AI Integration:** Integrated ChatGPT/LLMs to provide intelligent, context-aware features and real-time support within mobile applications.
- **Modular Architecture:** Engineered high-performance apps using BLoC, Riverpod, and GetIt in monorepo environments to ensure code reusability across banking and remittance platforms.
- **CI/CD & Automated Deployments:** Optimized release pipelines to automate deployments to the Google Play Store and Apple App Store, significantly reducing manual friction.
- **Pipeline Efficiency:** Streamlined CI/CD and automated workflows for GitHub Actions to accelerate iteration cycles and production releases.
- **Cross-Platform Delivery:** Shipped production-ready solutions for diverse, high-traffic domains while maintaining consistent architectural principles.

### **Flutter Developer · Nextbank**

November 2023 — June 2025

I engineered secure iOS and Android fintech applications using Flutter and monorepo architectures, focusing on native security integrations and scalable design.

- **Native & Security:** Developed custom Flutter plugins via Method Channels for iOS and Android to implement face liveness checks and fraud mitigation.
- **Modular Architecture:** Built banking and remittance applications using BLoC, Provider, and GetIt, ensuring high maintainability within complex monorepos.
- **Fintech Delivery:** Delivered high-transaction applications for banking and loans, focusing on secure architecture and increased user engagement.
- **Pipeline Optimization:** Assisted in streamlining CI/CD workflows for monorepo environments to increase deployment efficiency and release frequency.

## *Skills*

### **Frontend & Mobile**

- Flutter & Dart
- JavaScript, React & TanStack, Vue.js
- iOS & Android Development
- HTML/CSS
- Responsive Web Design

### **Backend & Database**

- C# & .NET
- PHP & Laravel
- RESTful APIs
- Entity Framework
- Firebase (Auth, Firestore)
- Cloudflare (Workers, R2, Hyperdrive)
- PostgreSQL, MySQL, MSSQL

### **Architecture & DevOps**

- SOLID Principles
- Clean/Domain Driven Architecture
- CI/CD Pipelines (GitHub Actions, BitBucket Pipelines)
- Git, Docker
- Repository & Service Patterns

## **Mobile Engineer · Hedgehog Lab**

August 2022 — November 2023

I developed iOS and Android applications using Flutter for medical and fintech sectors, while contributing to Laravel/PHP backend development in cross-functional teams.

- **Native Integration:** Built a custom Flutter plugin for document signing, bridging native iOS and Android code via Method Channels to meet complex client requirements.
- **Architecture & State:** Designed robust app structures using BLoC, Riverpod, and Provider, ensuring clean architecture and responsive UI across diverse projects.
- **Full-Stack Versatility:** Contributed to Laravel/PHP backend services, demonstrating a framework-agnostic approach to support broader project needs.
- **Pipeline Automation:** Established CI/CD pipelines to streamline testing, quality checks, and multi-platform releases for agency clients.

## **Software Engineer · CRAFT-TEC Inc.**

March 2021 — August 2022

I spearheaded the Flutter development team and architected PHP/Laravel backends to deliver high-performance iOS and Android applications.

- **Technical Leadership:** Spearheaded the mobile development team, providing mentorship and technical direction to ensure high-quality project delivery.
- **Architecture & State:** Optimized mobile codebases using BLoC, Provider, and GetIt, significantly improving maintainability and reducing bug density.
- **Backend Optimization:** Designed and integrated PHP/Laravel APIs that streamlined system communication and reduced application load times by 20%.
- **Full-Stack Development:** Managed end-to-end development of cross-platform solutions, ensuring seamless integration between frontend and backend components.

## **Software Engineer · SystemsCore Inc. & Freelance**

March 2019 — March 2021

I built enterprise-level applications using C# and .NET Core while delivering full-stack web solutions with JavaScript.

- **Enterprise Backend:** Created large-scale systems with C# and .NET, using Entity Framework and the Repository Pattern for data management.
- **Full-Stack Web:** Delivered responsive web experiences with JavaScript and Razor Pages for server-side development.
- **Cloud Integration:** Used Firebase solutions like Firestore, Authentication, and Cloud Functions for scalable backend architectures.
- **Foundational Engineering:** Established technical standards through CI/CD pipelines, version control, and testing in Agile environments.

## *Education*

### **Bachelor of Science in Information Technology**

Cristal e-College, Bohol

# Software Projects

## **rate-stuff.online**

### Full-Stack Web Application

A social platform for creating, rating, and discovering items of interest, featuring real-time updates, image uploads, and an explore feed.

- Built with TypeScript, React 19, TanStack Start (SSR), and Tailwind CSS; deployed on Cloudflare Workers (edge)
- CockroachDB (via Cloudflare Hyperdrive) + Drizzle ORM with domain-driven architecture; real-time via PartyKit WebSockets
- Integrated auth (Better Auth), image CDN (R2 + ImageKit), transactional email (Resend), rate limiting, and SEO optimization
- Tech: TypeScript · React 19 · TanStack Start/Router/Query · Tailwind CSS · Cloudflare Workers · PostgreSQL · Drizzle ORM · PartyKit · Vite

## **Bebi App (for Couples)**

### Cross-Platform Mobile Application

An iOS and Android app for couples to stay connected through shared calendars, daily photo stories, cycle tracking with AI-generated insights, and real-time location sharing.

- Built with Flutter and Dart using BLoC for state management, go\_router for navigation, and get\_it + injectable for dependency injection
- Firebase backend with Firestore for real-time sync, Cloud Functions, Auth, Analytics, and Crashlytics; media stored on Cloudflare R2
- Integrated Gemini AI (via firebase\_ai) for cycle tracking insights, rich text editing with super\_editor, and local caching with Hive
- Tech: Flutter · Dart · Firebase (Firestore, Auth, Functions, Crashlytics) · Cloudflare R2 · BLoC · Gemini AI · Hive

## **sun-enviado.com**

### Personal Website

A personal portfolio and blog site with a retro terminal-inspired design, featuring a spinning ASCII art animation, blog posts in MDX, an email newsletter system with double opt-in, and an RSS feed.

- Built with Astro (SSR + static hybrid) and SCSS, using a retro bitmap font and vim/terminal-inspired UI
- Serverless newsletter system with JWT-based email verification via Resend and Cloudflare Workers
- Implemented SEO optimizations including JSON-LD structured data, auto-generated sitemap, RSS feed, and PurgeCSS
- Tech: Astro · TypeScript · SCSS · Cloudflare Pages/Workers · Resend · MDX