MARVIN JOHN U. BENIGRA

FULL STACK & MOBILE APPLICATION DEVELOPER

Portfolio: mjbenigra.vercel.app

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PROFESSIONAL SUMMARY

Full Stack & Mobile Application Developer with 5+ years of experience building production-grade mobile and web applications. Strong specialization in Flutter/Dart, cross-platform architecture, API integration, state management, and application deployment, with recent full-stack experience across Next.js, TypeScript, Node.js, PostgreSQL, Neo4j, and Redis. Experienced in independently leading mobile development, modernizing legacy native applications, integrating device and biometric capabilities, and delivering clean, scalable software.

PROFESSIONAL EXPERIENCE

Mobile Application Developer (Flutter) | YAHSHUA Outsourcing Worldwide

2020 – 2024

- Served as the sole Mobile Developer for 3+ years, independently managing, scaling, and deploying the mobile suite across iOS and Android.
- Led migration of legacy native Android and iOS applications to a unified, scalable Flutter architecture.
- Architected and delivered cross-platform applications using Flutter and Dart with Clean Code and structured architecture practices.
- Applied BLoC, GetX, and Provider/ChangeNotifier state-management patterns according to project requirements.
- Integrated RESTful APIs, asynchronous data streams, secure local storage, and offline synchronization.
- Integrated camera, GPS, geo-fencing, biometrics, QR scanning, and push notifications.
- Managed the full mobile lifecycle from UI/UX implementation through deployment to Apple App Store, Google Play Store, and Huawei AppGallery.

Full Stack & Mobile Application Developer | MeldCX / Skunkworks

2024 – 2026

- Built high-performance cross-platform mobile and web applications using Flutter, Dart, and GetX.
- Integrated Google ML Kit and TensorFlow Lite for on-device computer vision and liveness detection.
- Developed responsive web interfaces with Next.js 16, TypeScript, Tailwind CSS, Shadcn UI, Zustand, Zod, React Query, and Axios.
- Developed Node.js services and RESTful APIs; modeled relational data in PostgreSQL and graph relationships in Neo4j.
- Implemented Redis caching and queuing to improve database performance and support background processing.

CORE TECHNICAL SKILLS

Mobile	Flutter, Dart, GetX, BLoC, Provider/ChangeNotifier, Flutter Web
Frontend	Next.js 16, React, TypeScript, Tailwind CSS, Shadcn UI, Zustand, Zod, React Query
Backend	Node.js, REST APIs, Axios
Data	PostgreSQL, Neo4j, Redis, SQLite, Hive, Firebase
AI / Device	Google ML Kit, TensorFlow Lite, AWS Rekognition, Biometrics, Camera, QR, GPS, Geo-fencing
Architecture	Clean Architecture, Clean Code, Legacy Migration, Offline-First Sync, App Store / Play Store / AppGallery Deployment

EDUCATION

Bachelor of Science in Information Technology | University of Science and Technology of Southern Philippines • 2016 – 2020

Merry Child School | Secondary Education • 2013 – 2014

City Central School | Primary Education • 2009 – 2010

CHARACTER REFERENCES

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