Cyril James De Guzman

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EDUCATION

Bachelor of Science in Computer Science – Major in Software Development   **Bataan, Philippines**
Graduated with Latin Honors at Bataan Peninsula State University – Main Campus   *September 2021 – August 2025*

EXPERIENCES

Software Developer | *Next.js, Prisma, Supabase*
AppQuant Technologies Inc.   *May 2025 – Present*
- Developed a Dating Application with TikTok-style home feed that uses batch profile prefetching and optimistic updates with real-time messaging, media sharing, and WebRTC-powered voice and video call features.
- Integrated Stripe for premium subscription with end-to-end payment flows, feature gating for non-premium users and webhook events for real-time payment status synchronization.
- Add an automated email reminders using custom Next.js APIs orchestrated via Vercel cron jobs, to ensure user engagement, and retention to the app.

Developer Intern | *Next.js, Prisma, Supabase*
Kynatech – Codennected Technologies Co. Ltd   *September 2024 – October 2024*
- Developed a Timesheet Application with user-authentication, single-record-per-day enforcement, and event sequencing logic to validate in/break/out events and exclude break durations to accurately compute work hours.
- Participated in an Agile Development, reported progress of tasks bi-hourly, collaborated with the co-interns, team, and CTO for real-time feedback and mentorship.

Freelance Developer | *Next.js, Prisma, Supabase*
Academic Projects   *January 2024 – April 2024*
- Developed a Social Media App for architecture students with integration of FGSM on architectural design images to prevent Generative AI from copying the design.
- Developed an Inventory System of materials and labors, and construction project onboarding, with cost estimation of assigned materials and labors.

PROJECTS

Thesis: HueFit – Men's Outfit Recommendation with Virtual Fitting
Next.js, React Native Expo, FastAPI, Prisma, Supabase   *November 2024 – April 2025*
- Developed an E-commerce Men's Apparel Platform with Outfit Recommendation based on user's physical appearance using Random Forest Algorithm and an integration of a 2D Virtual Try-On using TensorFlow.
- Implemented a monorepo for unified Next.js and React Native development, with a separate FastAPI service for Python-based machine learning APIs.

PasaBuy – Mobile Delivery Platform
Android Studio (Java), Firebase   *May 2024 – June 2024*
- Developed a Location-Based Delivery Platform inspired after the concept of "Pasabuy", leveraging geolocation to dynamically filter posts and requests by user's local town.
- Designed and implemented automated post lifecycle management, including timed post availability, dynamic pricing, and multi-user request handling.

SmileCare – Website and Appointment Scheduling System
Laravel, and MySQL   *December 2023 – January 2024*
- Developed a dental appointment website with OAuth, alongside an admin tool for creating and managing appointment slots, enabling users to assign available times by date and time, with auto-disable of booked slots.

TECHNICAL SKILLS

Current Technology Stack: Next.js (Typescript/JavaScript), Prisma, and Supabase
Known Libraries: TailwindCSS, ShadcnUI, Framer Motion, React Email, Supabase Auth, Zod, React Hook Form, TanStack Query, Zustand, Socket.IO, and Stripe
Development Tools: Cursor, Git/GitHub, Postman, and Vercel
Previous Used Technologies: React Native Expo, Laravel, Firebase, MySQL, Python, C#, and Java