

Colston Bod-oy

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🔗 https://my-portfolio-inky-three.vercel.app/

Experience

Money Trees

Baguio, PH

Lead React Native Developer

October 2024 – July 2025

- Developed a **multi-platform digital library system** using Tamagui, Next.js, and Expo in a **monorepo architecture**, integrating **backend APIs** for the **eBooks Library** and related screens on both web and mobile, while utilizing **Mapbox** for the Bible Atlas map.
- Integrated **Stripe payments** and deployed the app on both web and mobile using **Vercel** and **Expo EAS**.

Para Po!

Baguio, PH

Chief Technology Officer / Lead Android Developer

December 2023 – September 2024

- Led the development of a **navigation app** as the **CTO** for a startup in my university's incubator program. The app provides information, such as **terminals, fares, and routes**, for **public utility vehicles** in Baguio City, Philippines.
- Implemented **navigation and search features** using **Mapbox APIs and SDKs**, handling over **100+ terminals and routes of GeoJSON data**, and generating clean paths with the **Mapbox Map Matching API** while utilizing the **Mapbox Search SDK** for the **geocoding and reverse geocoding** of the searched places.
- Optimized the display of jeepney data cards with **RecyclerView**, utilized **Firebase** for **backend and authentication**, and implemented a **transformation matrix** to save and update **Sticker View** profiles.

Poblacion.ph

Makati, PH

Software Engineer Intern

September 2021 – May 2022

- Worked as an intern for a **startup e-commerce company** that utilized **CS-Cart** for its development.
- Implemented the **call-to-action (CTA)** for the online marketplace and utilized the **CS-Cart Multi-Vendor React Native app**, successfully launching the marketplace on the app stores.

Education

University of the Cordilleras

Baguio, PH

B.S. Computer Science

September 2026 (Expected)

Projects

Helpmate: BLE Multi-Peer Communication App

Baguio, PH

Thesis Project

December 2023

A mobile app designed to facilitate communication using a BLE mesh network.

🔗 <https://github.com/ColstonBod-oy/helpmate>

Skills

Programming Languages: Java, Kotlin, JavaScript, TypeScript, Python, SQL, PHP

Software: Figma, Atlassian (Jira, Confluence), Linear, Slack

Achievements and Competitions

Pitch I.T. Philippines 2024

Baguio, PH

Luzon Leg Finalist

August 2024

Our startup team became one of the finalists in a regional pitching event in the Philippines.

🔗 <https://www.facebook.com/share/c3y3VWGxiPkXbyV9/>

Hack4Gov 2024

Baguio, PH

3rd Runner-Up

June 2024

My first CTF challenge, where our team finished as the 3rd runner-up.

🔗 <https://www.facebook.com/share/HA49Wec253wrp7rr/>