Colston Bod-oy

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Experience

Para Po!   **Baguio, PH**
Chief Technology Officer / Lead Android Developer   *December 2023 – September 2024*

- Became the CTO and sole developer for a startup in our university's incubator program and developed the MVP of a navigation app. The app provides information on jeepney (a public utility vehicle in the Philippines) terminals, fares, and routes in Baguio City, Philippines.
- Implemented navigation and search features using Mapbox APIs and SDKs, handling over 100+ jeepney 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, enabling One Tap Google Sign-In, and implemented a transformation matrix to save and update Sticker View profiles in the Firestore database.

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, performing various roles including web development for implementing the call-to-action (CTA) of our online marketplace, which increased our conversion rate by 20%.
- Served as the mobile developer for customizing the provided CS-Cart Multi-Vendor React Native app to fit our branding, and successfully launched our marketplace on both the Google Play Store and Apple App Store.
- Handled the site's administration panel and MySQL database while also streamlining the process of syncing our local changes to the remote repository and production using GitHub Actions, which ensured that we maintained consistent versions of our database across local setups, resulting in a 50% increase in development productivity.

Achievements and Competitions

Pitch I.T. Philippines 2024   **Baguio, PH**
Luzon Leg Finalist   *August 2024*

- Developed a navigation app named "Para Po!" as the sole developer of a startup team. This achievement led our team to become 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*

- Participated in Hack4Gov 2024, my first cybersecurity CTF challenge, where our team finished as the 3rd runner-up. The challenge was in Jeopardy-style format.

  `https://www.facebook.com/share/HA49Wec253wrp7rr/`

Skills

Languages: Java, Kotlin, JavaScript, TypeScript, Python, SQL, PHP
Software: Figma, Atlassian (Jira, Confluence), Linear, Slack

Education

University of the Cordilleras   **Baguio, PH**
B.S. Computer Science   *August 2022 – November 2024*

- Developed a mobile app named "Helpmate" as part of our thesis project. The app is designed to facilitate multi-peer communication during disasters without requiring an internet connection. It creates a mesh network using the Google Nearby Connections API and Bluetooth Low Energy (BLE) on mobile devices. The app supports both text and audio messaging capabilities.

  https://github.com/ColstonBod-oy/helpmate