Mark Cristopher Baltazar Petras

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Technical Skills

Languages	Java, Python, SQL, JavaScript/Typescript, Dart, PHP
Technologies	NextJS, NodeJS, Laravel, Tailwind, Vite, MariaDB
Tools	Git/Github, Figma, Miro, Jira, Smartsheet

Projects

Tech:
Tailwind, AlpineJS, Livewire, Laravel, MariaDB

Academic Management System

- Leader and a Project Manager to the Academic Management System (AMS) as a completion project for our program's course Software Engineering 1&2 that is part of a larger ERP System for Pamantasan ng Lungsod ng Maynila.
- Developed unique project features such as Student Information, Evaluation, Schedule, Grades, Appeals, Appeals Inbox, Student Service, Departments, Students, Professors, Classes, Teaching Assignment, Laboratory/Room Condition Report all aligning with the unique Academics Management Reports of PLM.
- Utilized the software Figma, Smartsheet, Laravel, and Filament for the creation of the system

Tech:
Python, Lexer, Parser, Syntax, Semantic

Cosmic Script Programming Language

- Support as the Front-End in our team where we collaborated on the creation of the User Interface Design of our own programming language's compiler as part of our completion project in our program's course Compiler Design.
- Personally conducted extensive testing of the system, iteratively refining and improving Cosmic Script through hands-on exploration and validation, ensuring its robustness and reliability.
- Actively contributed to the UI design team for Cosmic Script, focusing on crafting an intuitive and user-friendly compiler interface that enhances coding efficiency and accessibility for all users.

Tech:
Flutterflow, Dart

Enjoyce Travel & Tours

- Served as the leader and front-end developer and top contributor in the development of the mobile application for Enjoyce Travel & Tours focusing on enhancing user experience and functionality
- Created the mobile application from scratch which created a client-side point of view and admin side point of view, allowing customer to browse advertise tab, package tab, confirm their sched for destination, view order tab, and view payment details.

Tech:
Dart, Flutter, MariaDB, Firebase

PLM Mobile Application

- Played a key role as the top contributor in the development of the second iteration of mobile applications, focusing on enhancing user experience and functionality.
- My primary responsibility was optimizing the logic for updating and editing admission, ensuring both personal and academic details could be managed effectively and efficiently through the application.

Education

2021 - present

Pamantasan ng Lungsod ng Maynila

Candidate for Bachelor of Science in Computer Science. Expected to graduate in 2025.