

Kean Jieden Villaflor

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I am currently pursuing opportunities as a junior Front-end or Back-end Developer. I aim to leverage my skills, expand my knowledge, and contribute to the organization while gaining valuable hands-on experience in the field.

Skills

JavaScript | TypeScript | Python | PHP | NextJS | ReactJS | NodeJS | HTML5 | CSS3 | UI/UX Design | Frontend | Backend | ExpressJS | FastAPI | Shadcn | TailwindCSS | MySQL | PostgreSQL | MongoDB | Mongoose | Prisma | Git | REST | Docker | Figma | JWT | Postman | MVC |

Education

Bachelor of Science in Information Technology

2020 - 2024

University of Cebu - Main

University Capstone Project

[UCnian Guide Bot](#) - Capstone Project (Fullstack)

- Developed a web-based chatbot application to assist students or prospective students with inquiries at the University of Cebu - Main, enhancing user engagement and streamlining the information retrieval process.
- Led the design of the system architecture, UI/UX, and APIs, improving user experience and operational efficiency.
- Implemented the application using ReactJS and developed a RESTful service with Python and FastAPI, utilizing Beanie ODM for efficient CRUD operations on a MongoDB database.

Technical Projects

[Tasky](#) - Personal Project (Fullstack)

- Developed a dynamic task management application with intuitive drag & drop functionality.
- Implemented the frontend with ReactJS to provide an intuitive user interface for task manipulation, and developed a RESTful service with Node.js and Express to perform efficient CRUD operations on a PostgreSQL database using Prisma ORM for reliable data processing and storage.

[PSITS Student Portal](#) - Volunteer Open Source Project (Fullstack)

- Developed a comprehensive student web portal for PSITS officers to manage announcements, sell tickets and t-shirts, and organize events. Additionally, the portal enables UC Main CCS students to create accounts for reserving and ordering event merchandise.
- Implemented the portal using ReactJS, and developed a RESTful service with Node.js and Express to efficiently perform CRUD operations on a MongoDB database using Mongoose ODM, enhancing system functionality and integration.

[Damath](#) - Client Project (ReactJS)

- Designed and developed an engaging two-player educational board game that combines the board game "Dama" (Filipino checkers) with math, using ReactJS to enhance the interactive experience for both players.