

Joshua Caleb D. Bolito

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TECHNICAL SKILLS

HTML 5 | CSS 3 | JavaScript | TypeScript | Tailwind CSS | React | Next.js | shadcn/ui | Mongo DB | PostgreSQL | Drizzle ORM | Git | GitHub

PROFESSIONAL EXPERIENCE

Pamantasan ng Lungsod ng Maynila – I.C.T. Office

July 2023 – August 2023

Frontend Developer Intern

- Developed UI/UX design and frontend for the Student Management System, enabling enrollment of 1,500+ freshmen for 2023-2024.
- Adapted to the fast-paced development process of the Information Communications Technology Office of Pamantasan ng Lungsod ng Maynila.

PROJECTS

Movie Recommender System | [Repository](#)

March 2024 – May 2024

Full-stack Developer

- A movie recommender system that demonstrates the movie recommendations made by the Content-based Filtering algorithm and our enhanced Content-based Filtering algorithm that uses Maximal Marginal Relevance, Temporary Preference Profile, and FastText algorithms.
- Enhanced the Content-based Filtering algorithm's Precision by 45.83%, Recall by 24.45%, F-Score by 38.51%, and Diversity by 276.79%.
- Utilized React, Next.js, Tailwind CSS, shadcn/ui, and FastAPI to develop the system.

Counselling Appointment System | [Deployment](#)

September 2023 – January 2024

Frontend Developer and UI/UX Designer

- A counselling appointment system our team created to streamline the process of PLM's Office of Guidance and Testing Services.
- Worked with a team consisting of a Backend Developer, Project Manager, and Tester to create the suitable UI/UX design and frontend solutions for the system.
- Utilized React, Next.js, Tailwind CSS, and shadcn/ui.
- Deployed the system on Pamantasan ng Lungsod ng Maynila's self-hosted Apache web server.

PLM Student Management System | [Deployment](#)

July 2023 – August 2023

Frontend Developer and UI/UX Designer

- A student management system we developed which helped facilitate the enrollment of 1,500+ freshmen students for the 2023 – 2024 academic year.
- Collaborated with a Backend Developer to develop the UI/UX design and frontend solutions for the system.
- Utilized React, Next.js, Tailwind CSS, and shadcn/ui.
- Deployed the system on Pamantasan ng Lungsod ng Maynila's self-hosted Apache web server.

EDUCATION

Pamantasan ng Lungsod ng Maynila

October 2020 – September 2024

BS in Computer Science

- Graduating with 1.45 GWA and Magna Cum Laude Honors.
- Volunteer web developer of Google Developer Student Clubs – PLM organization.