Joshua Caleb D. Bolito

bolitojoshuacaleb.professional@gmail.com • bit.ly/jcblinkedin • bit.ly/jcb-portfolio

TECHNICAL SKILLS

HTML 5 | CSS 3 | JavaScript | TypeScript | Tailwind CSS | React | Next.js | shadcn/ui | Mongo DB | PostgreSQL | Mongoose | Drizzle ORM | tRPC | Git | GitHub | Postman | T3 stack

PROFESSIONAL EXPERIENCE

Dormy PH   July 2024 – October 2024
Software Engineer Intern

- Worked in a fast-paced startup environment and contributed to a web application with 300,000 daily user requests.
- Collaborated directly with the CTO to troubleshoot issues and develop features.
- Utilized technologies from the T3 stack including Next.js, TypeScript, tRPC, Tailwind CSS, and shadcn/ui to implement solutions and optimize application performance.
- Developed and implemented a "Compare Listing" feature that improved user interaction time within the app.
- Engaged in regular code reviews and sprint meetings, contributing to a collaborative and iterative development process.

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](#) **|** [Publication](#)   March 2024 – May 2024
Researcher / 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.

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

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