Louis Miguel J. Pawaon

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Skills

- JavaScript | TypeScript | Python | Node | Express | React | Next | HTML | CSS | TailwindCSS | SCSS | jQuery | C++ | Java
- Git | Github | Firebase | Firestore | MySQL | PostgreSQL | Prisma | Vercel | Heroku
- Frontend | Backend | English, Filipino, Bisaya – *All professional proficiency or above*

Experience

SAMAHAN Systems Development
Backend Developer Head

04/2022 – Present

Ateneo de Davao University, Davao City

- SAMAHAN Systems Development is a department under the Office of the Secretary General of the SAMAHAN Student Government of Ateneo de Davao University with the task of creating solutions and systems for the benefit of SAMAHAN and the Ateneo Community.
- Designed and implemented backend infrastructure and database management for the organization projects delegated by the SAMAHAN Student Government using **TypeScript, JavaScript, Next, Express, Firebase and Firestore**.
- Aided in organization workshops for Frontend Development, Backend Development and UI/UX Fundamentals with over **200 participants**.
- Collaborated with Frontend Developers and Designers to define project requirements, scope and timelines to ensure that the backend architecture aligned with the overall vision and goals of the project.

Education

Ateneo de Davao University
Bachelor of Science Major in Computer Science

07/2020 – Present

Davao City

- ***Dean's Lister*** (May 2022): The Dean's List includes students whose semestral QPI is from 3.40 to 3.69 and whose grades are without Fs and FDs.
- ***President's Lister*** (April and September 2021): The President's List includes students whose semestral QPI is from 3.70 to 4.00 and whose grades are without Fs and FDs

Projects

- **Consti Plebiscite 2023 | Backend Developer |** *Live URL*   **(02/2023)**
  The Voting Website for the ratification of the proposed amendment of the 2020 SAMAHAN Constitution.
  - Developed the Backend Framework and Database Management using **JavaScript, Firebase** and **Firestore**.
  - Generated about **3000 successful voting entries**, ratifying the changes of the 2020 SAMAHAN Constitution.

- **GSTA Enrollment System | Backend Developer |** *Repository*   **(06/2022)- (10/2022)**
  An Enrollment System for a Security Training Center which is part of our Software Engineering 1&2 Overall Project.
  - Developed the Backend Framework and Database Management using **TypeScript, Node, Express** and **PostgreSQL**
  - Adapted an Object Relational Mapping Framework - **Prisma**, and conceptualized API endpoints to bridge between the database and web service to perform complex CRUD operations.
  - Evaluated as a successful project with a **final average grade** of **A** (93.5).

- **SakugaBooru | Developer |** *Twitter URL*   **(12/2022)**
  A Twitter Bot dedicated for sakuga animation that posts videos of Sakuga Animation every 45 minutes.
  - Developed a Scrapper and Web Crawler system using **Python Libraries - BeautifulSoup** and **Pybooru**.
  - Utilized the Twitter API for posting tweets with media in a specified duration using the **Tweepy Python Library**.
  - Generated about **27,000 impressions** over the course of its lifetime.

- **Chammie Theme | Developer |** *Marketplace Link*   **(06/2021)- Current**
  A Visual Studio Code theme inspired from the colors of the Computer Studies Cluster of Ateneo de Davao University.
  - Utilized VS Code's **Yeoman Extension Generator** to craft the theme with updates every new Academic Year.
  - Garnered **157 installs** with satisfactory reviews and feedback from users.

- **Panumdoman | Developer |** *Live URL*   **(02/2023)**
  A website clone of the Human Benchmark's Verbal Memory Test but with the twist of using Tagalog words.
  - Developed the website with **TypeScript** and **Next**

- **SADYA 2022 Website | Frontend Developer |** *Repository*   **(08/2022)**
  The Ateneo de Davao University's official 2022 Fiesta Website in coordination with SAMAHAN Creative Team (SCT).
  - Assisted in developing a Calendar Model to present the events that are happening in real time using **JavaScript** and **Next**