

Louis Miguel J. Pawaon

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Skills

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

Experience

Mugna Technologies Inc.

Backend Developer Intern

(04/2023 – 06/2023)

Davao City

- Applied **Python** and **Django** skills to develop a web application, leveraging knowledge gained from relevant training.
- Collaborated with a team of developers to deliver a functional and user-friendly web application.
- Participated in the full software development lifecycle, including requirements gathering, design, development, and testing.

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

- **President's Lister** (April 2023): The Dean's List includes students whose semestral QPI is from 3.40 to 3.69 and whose grades are without Fs and FDs.
- **Dean's Lister** (April 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

- **heic-to-jpg | Developer | [Live URL](#)** (02/2023)
heic-to-jpg is a Python script that takes a batch folder of '.heic' files and converts them into '.jpg' files.
 - Developed the script with Python and Python Libraries, particularly Pillow, pillow_heif and pyQT5
 - Resulted with successful converts for every folder batch, with no particular loss in quality.
- **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 Scraper 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**