Louis Miguel J. Pawaon

Full-Stack Developer

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Skills

FRONTEND | React, Next.js, JavaScript, TypeScript, TailwindCSS, SCSS, CSS, jQuery
BACKEND | Express.js, Node.js, Nest.js, Django, Flask, MySQL, PostgreSQL, GraphQL, Prisma, Firebase
DEVELOPER TOOLS | Git, Github, npm, Vercel, Heroku, Render, ngrok
LANGUAGES | English (Professional Proficiency), Filipino and Visayan (Native Proficiency)

Experience

Mugna Technologies Inc. (04/2023 – 06/2023)

Backend Developer Intern   *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 (04/2022 – 04/2023)

Backend Developer Head   *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.

Projects

- **PulseCheck | Developer | *Live URL*** (01/2024)

  This digital haven provides a centralized hub where you can quickly verify the current status of key AdDU's websites.
  - Developed the website with **TypeScript** and **Next**, and implemented designs with **TailwindCSS** and **shadcn/ui**
  - Implemented proxies to leverage security and privacy when trying to sending requests to the website
  - Successfully sends requests and returns status depending on the real time status of the websites
- **SikwatiAI | Back-End Developer | *Repository Link*** (12/2023)

  Flask-based API for classifying cacao pod images using an EfficientNetB0 model, a part of our Thesis Dissertation
  - A Back-End implementation for our Mobile Application, SikwatiAI, developed with **Flask** and deployed with **ngrok**
  - Results with successful predictions, returning what type of disease a cacao pod has and its confidence level
  - Evaluated as a successful project with a **final average grade** of **A** (93.5).
- **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.
- **GSTA Enrollment System | Back-End Developer | *Repository Link*** (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.

Education

Ateneo de Davao University (07/2020 – Present)

Bachelor of Science Major in Computer Science   *Davao City*

- ***President's Lister****: Students whose semestral QPI is from 3.70 to 4.00 and whose grades are without Fs and FDs*
- ***Dean's Lister****: Students whose semestral QPI is from 3.40 to 3.69 and whose grades are without Fs and FDs.*