Louis Miguel J. Pawaon

Full-Stack Developer

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in https://www.linkedin.com/in/louispawaon/ | 🌐 https://louispawaon.vercel.app/ | ○ https://github.com/louispawaon

Skills

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

Experience

SAMAHAN Systems Development   (04/2022 – 05/2024)
Former Department Director, Full-Stack Developer   *Ateneo de Davao University, Davao City*
Former Backend Developer Head

- Spearheaded projects by leading cross-functional teams of developers and designers, delegated tasks, defined project requirements, established scope, and set timelines to ensure alignment with the overall vision and strategic goals of projects.
- Designed and implemented frontend components, backend infrastructure and database management for the organization projects delegated by the SAMAHAN Student Government using **TypeScript, JavaScript, Next.js, Node.js, Express, Nest.js, React, TailwindCSS, Storybook, Firebase and Firestore**.
- Notable projects include the **Official SAMAHAN Website**, the **AdDU U-Fest Website** and the **SAMAHAN Consti Voting Website**.

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.

Projects

- **SmartCampus | Back-End Developer | Repository**   (03/2024)
  An extensive school facility reservation mobile application
    - Back-End implementation and Database management built with **Typescript, NestJS, Prisma** and **Supabase**.
    - Implemented Role-Based Access Control (RBAC), to set restrictions between set roles - Student, Teacher and Staff.
    - Adapted a JWT Authentication approach to communicate from the mobile application to the server.
    - Successfully creates extensive requests to and fro the server.
- **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 send requests to the website.
    - Successfully sends requests and returns status depending on the real time status of the websites.
- **SikwatiAI | Back-End Developer | Repository**   (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 | Repository**   (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**   (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).

Education

Ateneo de Davao University   (07/2020 – 07/2024)
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.