

LOUIS MIGUEL J. PAWAON

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EXPERIENCE

Back-End Developer Intern, Mugna Technologies Inc.

Apr 2023 — Jun 2023

- Applied Python and Django skills to develop a web application, leveraging knowledge gained from relevant trainings.
- 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.

Technologies and Skills: Django · GraphQL · Back-End Web Development · Next.js · Python

Back-End Development Head, SAMAHAN Systems Development

May 2022 — Apr 2023

- 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.

Technologies and Skills: Express.js · Firebase · Node.js · Next.js · React.js · TypeScript · JavaScript

EDUCATION

Ateneo de Davao University, Major in Computer Science, Bachelors of Science

2020 — 2024

- *President's Lister (April 2023):* The President's List includes students whose semestral QPI is from 3.70 to 4.00 and whose grades are without Fs and FDs (3.80)
- *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. (3.62)
- *President's Lister (2020-2021):* The President's List includes students whose semestral QPI is from 3.70 to 4.00 and whose grades are without Fs and FDs (4.00 and 3.91)

CURRENT PROJECTS

heic-to-png

Apr 2023

- heic-to-jpg is a Python script that takes a batch folder of '.heic' files and converts them into '.jpg' files.
- Implemented with Python, with the Pillow, pillow_heif and PyQt5 Libraries
- Pillow as the image framework for Python, for opening image files using Python
- pillow_heif as a Pillow extension for the capabilities to open '.heic' files, since Pillow doesn't support '.heic' files on the fly
- PyQt5 for folder accessing and choosing

SAMAHAN Consti Natin 'To Voting Website

Jan 2023 — Feb 2023

- The Voting Website for the ratification of the proposed amendment of the changes in the 2020 SAMAHAN Constitution.
- Implemented Backend Operations with JavaScript, Node.js, Express.js, Firebase and Firestore.
- With about 3000 successful voting entries, the changes of the 2020 SAMAHAN Constitution has been ratified.

Panumdoman

Jan 2023 — Feb 2023

- This is my second iteration of my version Verbal Memory Test from the Human Benchmark Test, where you need to keep words in short term memory as possible with the twist that my game

comprised with the Filipino Language.

- Implemented with Next.js, TypeScript and Python
- Next.js for static website generation and Tailwind for Implementing Quick Styles on the Website
- Python for scraping about 40,000+ known Tagalog Words from <https://tagalog.pinoydictionary.com/>

SakugaBooru

Aug 2021 — Dec 2021

- SakugaBot is a Twitter Bot dedicated for Sakuga Animation and its glorious beauty. All medias posted are taken from SAKUGABOORU, one of the biggest booru sites across the Internet.
- Implemented with Python and Pybooru, BeautifulSoup and Tweepy Libraries
- Pybooru for calling the Moebooru API service, to get the necessary data from SAKUGABOORU
- BeautifulSoup for scraping the specific Animator Name and the Listed Anime of the Booru
- Tweepy for automated tweeting within every 45 minutes
- Videos are saved on local storage and are then uploaded instantly after scraping

SKILLS

- Technologies: JavaScript, TypeScript, Python, Node.js, Express.js, React, Next.js, Django, HTML, CSS, TailwindCSS, SCSS, jQuery, C++, Java
- Tools: Git, GitHub, Firebase, MySQL, GraphQL, PostgreSQL, Prisma, Vercel, Heroku