

# 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

### Backend Developer Head

### SAMAHAN Systems Development

Ateneo de Davao University 04/2022 - Current

- 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**.
- 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.
- Aided in organization workshops for Frontend Development, Backend Development and UI/UX Fundamentals with over **200 participants**.
- Spearheaded the planning and execution of the organization's roadmap, aligning it with the overall project goals and timelines, and ensuring that all deliverables were completed on time and within budget.
- Fostered a collaborative and inclusive team culture, encouraging open communication, sharing of ideas, and mutual support, and promoting a positive and respectful work environment.

## Education

### Bachelor of Science

### Ateneo de Davao University

Davao City 08/2020 - Current

- Major in Computer Science

## 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 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**
- **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 realtime using **JavaScript and Next**