

# Sean Patrick P. Namó

Iloilo City, Philippines | seanpnamo15@gmail.com | Phone: +639497097025 | LinkedIn: seannamo | Github: GangeiKan510 | [seannamo.com](https://seannamo.com)

## EDUCATION

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### Central Philippine University

Bachelor of Science in Software Engineering

Iloilo City, Philippines

Graduated, June 2025

- **Concentrations:** Full Stack Software Development and Software Engineering Principles
- **Related Coursework:** Discrete Mathematics, Data Structures and Algorithms, Object-Oriented Programming, Web Development, Software Architecture and Design, Database Management Systems, Operating Systems, Software Testing and Quality Assurance, Project Management, Capstone Project (Mobile App Development)

## EXPERIENCE

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### Inertia Company Limited

Software Engineer

Remote - HongKong, SAR

March 2024 - May 2025

- Integrated document conversion libraries to enable dynamic export of chat messages and markdown into .docx and .pptx formats, automating workflows and reducing manual formatting effort by 70%
- Engineered a prompt template sharing system with email-based distribution, increasing collaborative usage and user retention by 25%
- Built a rich markdown renderer supporting tables, links, and code blocks, improving user comprehension and engagement by 30-40%

### Yukimito Pet Hotel and Boarding Services

Freelance Software Developer

Iloilo City, Philippines

September 2024 - March 2025

- Built a real-time booking system using React, Firebase, and FullCalendar.js, enabling pet owners to reserve boarding slots and view availability instantly
- Designed an intuitive user flow for multi-step booking with form validation, responsive layouts, and error handling to ensure a seamless UX across devices
- Developed an admin dashboard to manage reservations, pet profiles, and daily schedules, supporting role-based access and real-time data sync

## PROJECTS

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### AI-Powered Personal Styling App (Thesis Project)

Team Lead Software Engineer

Central Philippine University

July 2024 - January 2025

- Built a modular fashion intelligence backend using Express.js and FastAPI microservices to process uploaded images (background removal + skin tone detection), then deliver GPT-powered clothing recommendations through a custom in-app chat interface
- Engineered a cross-platform React Native app with Expo that delivers personalized clothing suggestions based on user data such as body type, skin tone, and style preferences, integrating Firebase for authentication and secure image uploads
- Designed and implemented a structured survey system to gather key user inputs, storing and managing the data using PostgreSQL and Prisma, and dynamically generating seasonal color palettes through custom classification logic

### STEAM Game Recommender (Academic Project)

Lead Developer

Central Philippine University

May 2024

- Developed an unsupervised ML model using Scikit-learn to cluster and categorize STEAM games based on user tags, playtime, and reviews from a Kaggle dataset, enabling personalized recommendations by interest patterns

## ACTIVITIES AND LEADERSHIP

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### Google Developer Student Clubs GDSC - CPU - [Certificate](#)

Lead | President

Central Philippine University

June 2021 - June 2022

- Led the local GDSC chapter in organizing workshops, code labs, and speaker sessions; fostered a community of 100+ aspiring developers across disciplines

### Udemy Web Development Bootcamp - [Certificate](#)

Student

Central Philippine University

June 2022 - June 2023

- Mastered full-stack web development (HTML, CSS, JavaScript, Node.js, Express, MongoDB, REST APIs) through a comprehensive bootcamp, building multiple dynamic websites and CRUD applications.

### GDSC Ateneo Hackfest Top 9 Finalist

Web Developer | UI/UX Designer

Philippines

September 2022

- Developed an e-commerce fundraising platform to support student welfare initiatives, enabling students and advocates to sell educational products and services online through a community-driven marketplace.

## SKILLS

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**Programming:** JavaScript | TypeScript, Python, SQL, NoSQL, HTML, CSS

**Technical & Programmatic Skills:** Full Stack Web and Mobile App Development, RESTful APIs, 3rd-party API Integrations, Image Processing, Document Generation & Conversion, Chatbot Development, Data Modeling, Firebase

**Tools & Frameworks:** React, Next.js, React Native, Expo, Node.js, Express.js, Prisma, FastAPI, Docker, Bootstrap, Tailwind CSS, git, Github

**Platforms:** MacOS, Windows

**Honors and Competitions:** Dean's Lister, Consistent Honor Student

**Languages:** English, Filipino

**Interests:** Basketball, Video Games, Body-building