



# KANE JUSTINE COMETA

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**Address:** San Pedro, Laguna, 4023

## ABOUT

Hi, I'm Kane Justine A. Cometa. I have passion for Software Development and Data Science. I have gained practical experience in web, mobile, and software app development, alongside with data analytics and machine learning. I am actively seeking opportunities to refine my skills and contribute to the cutting-edge data-driven technology solutions.

## TECHNICAL SKILLS

Software Development

React JS, Flask, Dash

Agile Project Management

Data Analysis and Visualization

Pandas, NumPy, SciPy

Prompt Engineering

Predictive Modeling and Selection

Scikit-learn

ChatGPT

## SOFT SKILLS

Problem Solving

Strategic Thinking

Communication

## WORK EXPERIENCE

### Full-Stack Software Developer Intern

PetroEnergy - IT Department | Apr - Jul 2025

- Developed a full-stack ESG data management system, from data modeling to deployment.
- Designed user interfaces and implementing system architecture for seamless functionality.
- Prepared documentation, training materials, and conducting system handover to end-users.

### Student Assistant

Mapúa MCL - Instructional Facilities Office | Apr - Jul 2024

- Providing academic support required for the students in Mapúa MCL
- Maintaining and managing private student information in online and physical files.
- Interacting with students in person to address any questions or concerns.

### Student Assistant

Mapúa MCL - Admission Office | Aug - Sep 2023

- Maintaining and managing private student information in online and physical files.
- Assisting the admissions office in processing admission forms for potential students.
- Interacting with students in person and via phone to address any questions or concerns.

## EDUCATION

### Mapúa Malayan Colleges Laguna

B.S. Computer Science | College | 2021 - 2025

- President's Lister | 2nd Year - 3rd Year
- Dean's Lister | 1st Year - 3rd Year

### Malayan Colleges Laguna

ICT | Senior High School | 2019 - 2021

- Graduated with Honors

## ORGANIZATIONS

### Supreme Student Council

Digital Transformation Committee |  
Mapúa MCL | 2024 - 2025

### Supreme Student Council

Creatives Manager | Mapúa MCL | 2023 - 2024

### CCIS Student Council

Creatives Director | Mapúa MCL | 2023 - 2024

### JPCS Student Chapter

Member | Mapúa MCL | 2023 - 2024

### Junior ACM Student Chapter

Member | Malayan Colleges Laguna | 2019



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## CERTIFICATIONS

### CCIS Research Colloquium 2025

Mapúa MCL | June 2025

- **Skills:** Technical Communication · Critical Thinking · Research Synthesis

### Data Analytics with Python

IBM | April 2025

- **Skills:** Data Analysis · Data Visualization · Predictive Modeling · Model Selection · Python · NumPy · Pandas · Scikit-Learn · SciPy

### Generative AI: Prompt Engineering

IBM | April 2025

- **Skills:** Large Language Models (LLM) · Prompt Engineering · Generative AI · Artificial Intelligence (AI) · ChatGPT

### Introduction to Front-End Development

Meta | Feb 2025

- **Skills:** Web Development Tools · HTML and CSS · Responsive Web Design · Front-End Development · User Interface

### Agile Project Management

Google | Feb 2025

- **Skills:** Agile Project Management · Problem Solving · Coaching · Scrum · Influencing

### CompTIA IT Fundamentals (ITF+)

CompTIA | Jul 2024

- **Skills:** Database Fundamentals · IT Concepts · Programming Concepts · Software Development

## PROFESSIONAL DEVELOPMENT

### GitHub Copilot Global Bootcamp

Microsoft Learning | June 2025

- **Skills:** GitHub Copilot · Codespaces · AI Agents · Prompt Engineering

### Build With AI 2025

Google for Developers | May 2025

- **Skills:** Retrieval-Augmented Generation (RAG) · Google Gemini · Artificial Intelligence (AI)

### Building AI Agents in Azure

Microsoft Learning | May 2025

- **Skills:** Microsoft Azure · AI Agents

## PROJECTS

### Kane - Portfolio Website

Personal Project | July 2025

- A personal portfolio built with React and Material-UI showcasing my projects, skills, and professional experience

### “ESGDash”: Dashboard Web Application

OJT Project | April - July 2025

- Integrated a repository and interactive dashboard for data analysis and visualization with multiple chart types, and export capabilities

### Web-based Institutional Research Repository

Thesis Project | Aug 2024 - March 2025

- Integrated user-friendly interface for managing and visualizing institutional research data with advanced search capabilities and data analytics dashboard

### Procurement and Inventory Management Application

Academic Project | Dec 2023 - June 2024

- Integrated a simple user interface to facilitate company daily tasks (procurement and inventory management)

### “Final Revelation”: Maze Game Software Application

Academic Project | March 2024

- Integrated with an interactive puzzle game interface which can be controlled using keyboard

### “Money co.”: E-Money Sending Mobile Application

Academic Project | May - June 2023

- Integrated a simple user interface for managing user finances (e-money) using the mobile application