



KANE JUSTINE COMETA

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ABOUT

I am Kane Justine A. Cometa, a graduating Computer Science student from Mapúa Malayan Colleges Laguna with strong academic credentials and hands-on experience in software development and data analytics. Through my internship at PetroEnergy, I developed a full-stack ESG dashboard from data modeling to deployment. My portfolio includes web, mobile, and data-driven applications, I bring the technical skills, adaptability, and drive needed to contribute effectively to any technology-driven team.

TECHNICAL SKILLS

Software Development

Data Analysis and Visualization

Machine Learning

React JS, Flask, Dash

Pandas, NumPy, SciPy

Scikit-learn

Agile Project Management

Prompt Engineering

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

- Provided academic support required for the students in Mapúa MCL
- Maintained and managing private student information in online and physical files.
- Addressed the needs of the students for any questions or concerns.

Student Assistant

Mapúa MCL - Admission Office | Aug - Sep 2023

- Maintained and managing private student information in online and physical files.
- Assisted the admissions office in processing admission forms for potential students.
- Addressed the needs of the students for 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