

# James Michael C. Mejares

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## CORE TECH

Angular

Flutter

Docker

Linux Proficiency

Git / GitHub

Cloud & DevOps

AWS (EC2)

Spring Boot

## PROJECTS

### iBudget – Personal Finance Budgeting Application

*Developer, Tester, DevOps*

Developed a budgeting web application using **Angular** for the frontend and **Spring Boot** for the backend to help users track expenses

- Engineered a 3-Tier architecture using **Angular** and **Spring Boot**, implementing **CI/CD pipelines** via GitHub Actions for automated testing and deployment.
- Integrated an AI-agent chatbot n8n microservice to assist users with financial queries and budget planning whilst securing API endpoints for safe data transaction.
- Implemented CI/CD automation using GitHub Actions.

### PawSight – Pet Behavior Android Utility App

*Mobile Developer*

Developed a specialized Android application focused on pet behavior and owner education.

- Implemented **offline access** capabilities and a robust **search/filter system** to ensure users can access information without an active internet connection.
- Integrated an AI-powered chatbot assistants for pet owners to talk to about their pets.
- Designed a minimalist UI using **Flutter's ForUI** library for a seamless user experience.

### PowerShell GUI Disk Cleaner & Analyzer

*Automation Engineer*

Developed a GUI for Disk Cleaner and Usage Analyzer using PowerShell scripting for Windows Systems.

- Scripted a Windows administration tool to automate disk cleanup and storage analysis, reducing manual maintenance time
- Utilized **PowerShell** to interact directly with OS system processes and file systems
- Designed a GUI to make complex CLI commands accessible for standard users.

### Cloud Infrastructure & Linux Automation

*DevOps and System Administrator*

Deployed and managed self-hosted infrastructure to practice cloud operations and system hardening.

- Deployed a self-hosted **n8n** automation instance on **AWS EC2**, managing security groups, firewalls, and server uptime.
- Configured secure remote server access via **SSH** and performed system hardening techniques to secure the Linux environment
- James Michael also has an extensive experience working with terminals and has a neat interest on tweaking/ricing terminals and utilizing useful opensource CLI tools

## CERTIFICATIONS



[Computer System  
Servicing NC II](#)

## ORGANIZATION & LEADERSHIP



Google Developers  
Group (GDG) @ PUP  
CyberSec – Red Team  
2<sup>nd</sup> Lieutenant - 2024

## OTHER SKILLS

Python

PHP

n8n Automation

Bash Shell  
Scripting

Computer Systems  
Servicing

SQL

## EDUCATIONAL BACKGROUND

### Diploma in Information Technology

Polytechnic University of the Philippines Taguig Campus 2023 – Present  
Focus: Backend Development and DevOps

### Computer System Servicing Strand

Western Bicutan National High School 2021 - 2023