RAPHAEL LAWRENCE MACADAEG

LinkedIn • rlsmacadaeg0@gmail.com • +63 915 843 6313

EDUCATION

AWS re/Start Program   AWS Siklab Pilipinas | Edukasyon.ph
Cohort-based Cloud Development Training Program   *Aug 2025 – Nov 2025*
Relevant Coursework: *Linux, Networking, AWS, Databases, Storage, Compute, Serverless, Event-Driven Architecture, Security*

Bachelor of Science in Aircraft Maintenance Technology   Philippine State College of Aeronautics | Pasay
Relevant Coursework: *Technical Documentation, Troubleshooting, Compliance Standards*   *Oct 2020 – Aug 2024*

PROJECTS

Three-Tier WordPress Website Deployment in AWS – *In progress*   *Nov 2025 – Present*
- Designing a highly available **3-tier architecture** using VPC, public/private subnets, NAT Gateways, and route tables to support a secure WordPress workload.
- Deploying **EC2 application servers**, an **RDS MySQL database**, and an **EFS file system** across private subnets for scalable compute and durable storage.
- Implementing an **Application Load Balancer (ALB)** and security groups to manage traffic flow and enforce **least-privilege access**.
- Provisioning and managing all AWS resources using **Terraform**, enabling reproducible and automated infrastructure deployments.

Cloud Resume Challenge – *In progress*   *Oct 2025 – Present*
- Deploying an HTML/CSS resume as a secure **S3** static website configured with **CloudFront** (CDN) and **Route 53** (DNS).
- Implementing a visitor counter backed by a **DynamoDB** table and a **serverless API** using **API Gateway** and **Lambda.**
- Configuring CI/CD pipelines with **GitHub Actions** to automate frontend deployments, backend testing, and SAM deployments

Netflix Data Analysis with Amazon QuickSight – *GitHub*   *Jan 2025 – Feb 2025*
- Conducted **data cleaning** by identifying and resolving missing values, and refreshed QuickSight datasets to reflect updated data.
- Designed and optimized **QuickSight visualizations** (bar charts, stacked charts, tables) to highlight key insights, such as content drops and genre trends.
- Imported and maintained a large Netflix titles dataset in **Amazon S3**, using a manifest file for structured ingestion.

CERTIFICATIONS

AWS Certified Cloud Practitioner   *Nov 2025*
DataCamp Associate Data Analyst   *Jan 2025*

ACTIVE DEVELOPMENT SKILLS

Cloud & DevOps: *AWS (EC2, S3, RDS, DynamoDB, Lambda, API Gateway, CloudFront, Route 53, IAM, ALB), Terraform, Serverless Architecture, Event-Driven Architecture, CI/CD (GitHub Actions, SAM)*
Programming & Scripting: *Python (Lambda functions), JavaScript, HTML, CSS*
Databases & Analytics: *MySQL, Amazon QuickSight, Data Cleaning, Data Visualization, CSV & Structured Data Handling*
Tools & Practices: *Git/GitHub, Infrastructure as Code (Terraform, SAM), Unit Testing*