

RAPHAEL LAWRENCE MACADAEG

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EDUCATION

AWS re/Start Program

Cohort-based Cloud Development Training Program

Relevant Coursework: *Linux, Networking, AWS, Databases, Storage, Compute, Serverless, Event-Driven Architecture, Security*

AWS Siklab Pilipinas | Edukasyon.ph

Aug 2025 – Nov 2025

Bachelor of Science in Aircraft Maintenance Technology

Relevant Coursework: *Technical Documentation, Troubleshooting, Compliance Standards*

Philippine State College of Aeronautics | Pasay

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 – [Live Site \(Hosted on AWS\)](#)

Oct 2025 – Nov 2025

- 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