

ERICKSON DELA SOLEDAD

Back-End Engineer | DevSecOps
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EXPERIENCE

Trend Micro, Pasig - Hybrid

June 2025 - Current

Backend Engineer | AWS | IaC | DevSecOps

Micro Service Migration: Cloudformation/ECS to Terraform/EKS

- Migrated micro service running in ECS, RDS, S3, Lambda, and R53 orchestrated by Cloudformation into a modularized Terraform orchestrating EKS (instead of ECS) along the same services mentioned.
- Managed HELM installation Kubernetes cluster for high availability, added metrics and alerts system with Grafana, Prometheus, CloudWatch, and Teams.
- Defined separation of CI with Github actions and CD with ArgoCD following GitOps.

ETL migration: CloudFormation/ECS/EMR/Workflows to Terraform/EKS/EMR-in-EKS/ArgoWorkflow

- ECS/EMR with Over 100 ETL SparkJobs for Cyber-Threat detection orchestrated by CloudFormation are migrated into Terraformed EKS and EMR in EKS.
- Created custom images for EMR with PySpark dependencies pre installed for ArgoWorkflow DAGs with EMR managed virtual-clusters.
- Github actions for automated deployment using HELM.

Wingsfinearts.com, Texas - Freelance

October 2025 - December 2025

Full Stack Web | Ecommerce | Ecwid

Ecommerce Web App: Revamping old site Shoppify w/ Template to Ecwid w/ custom build

- Created a custom application with PHP/HTMX/JS/Tailwind and setup Ecwid backend service and API.
- Deployed app in Hostinger website hosting.
- Shoppify - [wings-fine-arts.com](#) revamped to Ecwid - [wingsfinearts.com](#)

Integrated Security and Automation Inc., Mandaluyong - Onsite

November 2024 - June 2025

Application Developer | Fullstack | API | Multi-Platform

On-Prem IOT Paid Parking System

- Designed an IOT system for paid parking systems including: REST API with FastAPI, Nginx Load Balancer, MariaDB for storage ,HTMX + Tailwind for Reports Generator, Tax, Metrics, and System Manager, IOT devices (OCR cameras, Micro Processors, Sensors, and Barriers).
- Manage server for deployment using Bash Script and Docker Compose.

Kotlin Multi-Platform Unified System

- Initiated a multiplatform solution for different devices (Kiosk, Android, Desktop, and Web) with Kotlin Multi-Platform.
- Designed and created cross compatible mobile and desktop applications for parking management.

Philippine Coconut Authority, QC - Onsite

April 2024 - October 2024

Computer Programmer | Java

Cross Platform Development for Geotagging Applications for Government Coconut Project

- Helped develop cross platform applications using Java primarily on 2 major platforms: JavaFX/HTML/JS/CSS for desktop and AndroidStudio/API for android.
- Designed a system for managing image and geotagging data across 2 on-prem data servers running CassandraDB cluster for data sync.

EDUCATION

Technological Institute of the Philippines QC, BS Computer Engineering (Systems Administration)

Sept 2023

Cloud and On-Premise Infrastructure Management and Automation/Orchestration

SKILLS

AWS (S3, EC2, ECS, EKS, Lambda, RDS, Route53, CloudWatch), Python, Java, GoLang, PHP, JS, SQL, PySpark, Node.js, React, Tailwind, ETL, Automation, Web Scraping, API Development/Integration, System Design, Infrastructure as Code, Kubernetes, Docker/Compose, Git, CI/CD, ArgoCD, Nginx, DevSecOps, GitOps.