JOEL OTEPA WEMBO

Cloud Solutions Architect

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📍 www.joelwembo.com | Permenant Residency : BGC, Taguig City, Metro Manila, Philippines

SUMMARY

I am a Critical thinking Solutions Architect, DevOps/Cloud Engineer with extensive understanding of high availability architecture and concepts. I possess knowledge in Pre-Sales, Cloud, DevOps and adept at utilizing open-source resources for the execution of business requirements. Furthermore, I have experience in collaborating with cross-functional teams, including sales, engineering, and project management. I specialize in building cloud-based applications using AWS, AWS Lambda, AWS CDK, Terraform, Typescript and Django.

EXPERIENCE

Cloud Solutions Architect - DevOps

Consultant - prodxcloud LLC

📅 01/2021 - Present   📍 Singapore

Working as a consultant for various type of projects. These projects provide ranges of services from management, development, Machine Learning, Data, Security to financial services.

- Developed enterprise architectural blueprints, alongside with descriptive documentation.
- Acted as a subject-matter expert in cloud technology during pre-sales meetings.
- Conducted comprehensive cloud assessments for clients, identifying optimization opportunities and recommending best practices.
- Improved security posture, including IAM policies, encryption, and compliance.
- Architected and implemented highly available and fault-tolerant solutions, ensuring 99.99% uptime for mission-critical applications.
- Developed Multi-tenant SaaS solutions using the latest technologies.
- Implemented CI/CD pipelines, enabling continuous integration and automated deployments for e-commerce platform built in AWS CDK VPC, Lambda & Postgres. **Technologies used**: Django, Typescript, Terraform, Jenkins, GitHub Actions, Azure AD, Azure Traffic Manager, Docker, Kubernetes, AWS CDK, EC2, CloudWatch, EKS, AWS Codepipeline, Lambda and Apache Airflow.

Senior Software Engineer

UBA Group LTD | United Kingdom

📅 2018 - 01/2021   📍 London, United Kingdom

Function as member of systems and architecture teams within a cross-functional software product organization, liaising between business stakeholders and engineering teams.

- Implemented security measures, including authentication and authorization mechanisms, to protect sensitive data.
- Designed and executed cloud migration plans, minimizing downtime and ensuring a smooth transition for diverse workloads.
- Developed automation scripts and templates for infrastructure as code (IaC) deployment, resulting in a 50% reduction in manual intervention.
- Worked on modules involving large scale full stack Web application development.
- Conducted performance analysis and optimization of critical system components, resulting in 60% improvement in response times.
- Developed CI/CD process on Jenkins, utilizing Kubernetes and Docker.

EDUCATION

MS Computer Science

Indiana State University (USA)

📅 2014 - 2016

BS Computer Science

Binary University of management and entrepreneurship (Malaysia)

📅 2008 - 2013

SKILLS

AWS   AWS CDK   Lambda   PostgreSQL

Python   Typescript   Terraform

Kubernetes   Jenkins   Django   Docker

Aurora/RDS   Microsoft Azure   Sales

Lunix   Storage   Networking

Azure Traffic Manager   DDoS protection

Cloud Formation   AWS ELB/ALB   IAM

Azure Security   CloudWatch

Azure Monitor   Azure AD   AI/ML

Cost Optimization   Pre-Sales   Marketing

INDUSTRY EXPERTISE

Microsoft AZURE

Amazon Web Services

LANGUAGES

English
Native

OTHER EXPERIENCES

💎 **Python System Analyst**
Apple (San Francisco) - 2016 - 2017
- Created automation scripts using Python to streamline repetitive tasks.
- Participated on Data migration processes.

💎 **IT System Administrator**
SANMINA CORP (Dallas) - 2017 - 2018
Worked with diverse Oracle Enterprise and cloud products to provide technical support to customers and end-users, troubleshooting hardware and software.