Chavis Rujichan

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Skills

Programming: Proficient in **`Python`** and **`Git`**, strong in **`SHELL`** scripting and **`Linux`** fundamentals
Cloud Platforms: Hands-on experience with Microsoft **`Azure`** and **`AWS`** cloud services
CI/CD: Experienced in implementing GitOps with **`GitLab CI`** and **`FluxCD`**, with additional in **`Jenkins`** and **`ArgoCD`**
Containerization: Skilled in container technologies including **`Kubernetes`** and **`Docker`** for scalable deployment
Infrastructure as Code (IaC): Proficient in Infrastructure as Code using **`Terraform`** and **`Ansible`**
Observability & Monitoring: Familiar with **`ELK`** stack, **`Prometheus`**, and **`Grafana`** for log management
Workflow Orchestration: Experience working with **`ArgoWorkflows`** and **`Airflow`**
Machine Learning: Leveraged **`Kubeflow`** and **`MLflow`** for end-to-end machine learning workflow
Languages: English (IELTS: 6.0, TOEIC: 795), Thai (native)

Experience

Devops Engineer, SCB Apr 2024 – present
- Developed and optimized CI/CD pipelines, refactored codes, fixed bugs, and reduced processing time by 50%
- Migrated Jenkins jobs to GitLab CI, achieving faster performance and easier maintenance
- Led migration of on-premises workloads to AWS and Azure cloud platforms
- Implemented Infrastructure as Code (IaC) practices using FluxCD and GitLab CI to manage Kubernetes applications effectively
- Coordinated with external development vendors to streamline app delivery
- Developed standardized Helm charts to deploy applications across the entire company
- Created uniform Dockerfile templates for multiple programming languages to ensure consistency

Devops Engineer / Machine Learning Engineer, Visai AI Apr 2022 – Mar 2024
- Developed Kubernetes manifests to enable seamless microservice deployment
- Managed environments using Kustomize and GitOps for consistent “build once, run anywhere” workflows
- Provisioned infrastructure as code with Terraform and Ansible
- Set up on-premises Kubernetes clusters from scratch, including GPU support for ML workloads
- Designed and implemented end-to-end machine learning training pipelines using Argo Workflows
- Built automated CI/CD pipelines leveraging GitLab CI and FluxCD for streamlined deployments
- Managed Kubernetes secrets securely with HashiCorp Vault and Azure Key Vault
- Monitored clusters and microservices using the EFK stack (Elasticsearch, Fluent Bit, Kibana)

Machine Learning Engineer, Technimal Feb 2021 – Mar 2022
- Developed anomaly detection system for industrial machinery using signal processing, orchestrated with MLflow and Apache Airflow for scheduled task execution
- Integrated edge AI solutions to monitor and control product quality in real-time on conveyor lines
- Implemented thermal issue detection using traditional image processing techniques

Education

KMITL, Bachelor in Electronics Engineering May 2017 – May 2021
- Final Project – Parking lot management using object detection and license plate recognition

Publications

Bacteria Classification using Image Processing and DCNN Nov 2019
Chavis Rujichan, Narate Vongserewattana, Pattarapong Phasukkit
10.1109/BMEiCON47515.2019.8990270

Extracurricular Activities

- Served as Teaching Assistant for Docker and Kubernetes training course