

# Chavis Rujichan

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## Skills

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**Programming:** Proficient with **Python** and **Git**, good understanding of **Linux** fundamentals, strong skills in **SHELL** scripting and **GNU utility** programs

**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, metrics collection, and visualization

**Workflow Orchestration:** Experience working with **ArgoWorkflows** and **Airflow**

**Languages:** English (IELTS: 6.0, TOEIC: 795), Thai (native)

## Experience

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**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

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**KMITL**, Bachelor in Electronics Engineering

May 2017 – May 2021

- Final Project - Parking lot management using object detection and license plate recognition

## Publications

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**Bacteria Classification using Image Processing and DCNN**

Nov 2019

Chavis Rujichan, Narate Vongserewattana, Pattarapong Phasukkit

[10.1109/BMEiCON47515.2019.8990270](https://doi.org/10.1109/BMEiCON47515.2019.8990270)

## Extracurricular Activities

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- Served as Teaching Assistant for Docker and Kubernetes training course