

# JAYVEE CELESTIAL

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## PROFESSIONAL SUMMARY

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Senior DevOps Engineer with 4+ years of experience in Red Hat OpenShift, Kubernetes, and cloud-native infrastructure. Certified across OpenShift administration, Advanced Cluster Management (ACM), Advanced Cluster Security (ACS), and containers. Experienced in GitOps, CI/CD pipeline engineering, Helm deployments, and enterprise job scheduling with Control-M. Currently integrating LLM workflows into DevOps automation using Python and OpenAI API, transitioning into AI Engineering. Proven in multi-cluster governance, banking-sector DevOps, and cross-functional technical enablement.

## WORK EXPERIENCE

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### Senior DevOps Engineer

eMcREY Limited

September 2025 – Present

Riyadh, Saudi Arabia · On-site

- **Workload Automation:** Designed and managed Control-M workflows orchestrating enterprise job scheduling and cross-platform dependencies for large-scale engineering operations.
- **LLM Integration:** Built Python-based LLM pipelines using OpenAI API to automate analysis and synthesis of large-scale pavement engineering datasets, reducing manual processing time for non-technical colleagues.
- **Container Enablement:** Streamlined containerization workflows by troubleshooting and optimizing developer images for Red Hat OpenShift deployment, improving build reliability and deployment speed.

### Platform Engineer

IBM Solutions Delivery, Inc.

March 2024 – August 2025

Quezon City, Philippines · Hybrid

- **Multi-Cluster Governance:** Deployed OpenShift Advanced Cluster Management (ACM) and Advanced Cluster Security (ACS) to establish centralized policy enforcement, RBAC governance, and security posture management across multiple clusters.
- **Policy Automation:** Authored ACM governance policies in YAML to detect anomalous resource usage and trigger automated lifecycle management of temporary namespaces, reducing manual ops overhead.
- **Operational Auditing:** Developed Python and Bash scripts to cross-audit microservice versions between PROD and DR environments, improving release verification accuracy and reducing audit cycle time.

### DevOps Engineer

IBM Solutions Delivery, Inc.

June 2022 – March 2024

Quezon City, Philippines · Remote

- **Banking Sector Solutions:** Managed Helm chart deployments and GitOps workflows for large-scale banking clients and external vendors, ensuring zero-downtime releases.
- **Pipeline Engineering:** Built Jenkins declarative pipeline scripts to automate pull request validation, code quality checks, and build-time analytics.
- **Stakeholder Enablement:** Delivered technical training and production support to 300+ project managers, developers, and architects across multiple delivery teams.

## PROJECTS

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**Debt Tracker** — Full-stack personal finance web app for OFW debt repayment planning. Features avalanche/snowball payoff strategies, SAR→PHP remittance tracking, and AI-powered debt analysis. Built with FastAPI, SQLAlchemy, PostgreSQL, Docker, and GitHub Actions CI/CD. [github.com/jeboygwapo/debt-tracker](https://github.com/jeboygwapo/debt-tracker)

**LLM-Integrated Data Workflows** — Engineered custom LLM integrations using Python and OpenAI API to automate analysis of complex engineering datasets for a pavement engineering team. Reduced manual processing time by automating synthesis of multi-source data for non-technical colleagues.

**AI Engineering Curriculum** — Active transition into AI Engineering. Completing LLM Engineering training and 100 Days of Code (Python). Building automation tools using OpenAI API and Cursor IDE.

**AI Context Engineering & MCP Configuration** — Engineered Claude Code workflows using CLAUDE.md context files and Model Context Protocol (MCP) server configuration to scope AI behavior, enforce project-specific constraints, and reduce token consumption. Applied to real DevOps automation tasks — enabling cost-efficient, production-grade AI-assisted development pipelines.

## TECHNICAL SKILLS

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**Container Platforms:** Red Hat OpenShift, Kubernetes, Docker, Podman

**Cluster Management:** OpenShift ACM, OpenShift ACS, Multi-Cluster Governance, RBAC, Namespace Management

**Automation & Orchestration:** Control-M, Ansible Automation Platform, Terraform, Helm

**CI/CD & GitOps:** ArgoCD, Jenkins, GitLab CI/CD, GitHub Actions

**AI / LLM Engineering:** OpenAI API, Anthropic Claude, LLM Integration, Prompt Engineering, AI-Assisted Development, AI Context Engineering, MCP Configuration, Cursor IDE

**Languages:** Python, Bash/Shell Scripting, Java

**Cloud:** AWS (Certified), Microsoft Azure

**Other:** Infrastructure as Code (IaC), GitOps, Microservices, Containerization, DevSecOps

## CERTIFICATIONS

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Red Hat Certified Technologist in OpenShift (EX180) — Red Hat · Mar 2026 · Expires Mar 2029

Red Hat Certified Specialist in OpenShift ACM (EX432) — Red Hat · Dec 2025 · Expires Dec 2028

Red Hat Certified OpenShift Administrator (EX280) — Red Hat · Nov 2025 · Expires Nov 2028

Red Hat Certified Specialist in Containers (EX188) — Red Hat · Mar 2025 · Expires Mar 2028

AWS Certified Cloud Practitioner — Amazon Web Services · Feb 2026 · Expires Feb 2029

Red Hat Technical Seller: Container Management, Mission Critical Automation, Application Platform — Red Hat · Mar 2026

Microsoft Certified: Azure AI Fundamentals & Azure Fundamentals — Microsoft · Dec 2022

IT Specialist: Java & Python — Certiport · Dec 2021

## EDUCATION

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**Bachelor of Science in Information Technology**

University of the East, Manila

2022