

BRYAN PAUL DE LEON

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SUMMARY:

I build high-availability systems, drive modernization initiatives, and reduce cognitive load through automation. With a foundation in embedded systems and hardware-software integration, my experience allows me to work seamlessly between managing on-premise servers and architecting cloud-native solutions

Key Achievements:

- Pioneered a company-wide monitoring and alerting infrastructure using Prometheus, Grafana, and Sentry.
- Significantly reduced EBS costs by offloading large artifacts to S3.

WORK EXPERIENCE:

Platform Engineer | Rizal Commercial Banking Corporation

Mar 2026 - Present

- Accelerated application modernization for 10+ development teams by driving DevOps adoption, optimizing CI/CD pipelines, and resolving workflow disruptions while providing guidance on best practices
- Automated repetitive operational workflows by developing reusable Python scripts, significantly reducing manual overhead and accelerating audits.
- Architected standardized deployment pipelines for cross-functional teams, driving faster software delivery and reducing deployment times by up to 50%
- Provided DevOps support for EKS deployments, reviewing configurations and guiding developers to ensure full compliance with internal standards prior to deployment.

DevOps Lead | MaraLabs Inc.

Aug 2025 - Feb 2026

- Pioneered a company-wide monitoring and alerting infrastructure using **Prometheus**, **Grafana**, and **Sentry** integrated with Slack; reduced Mean Time to Recovery (MTTR) by enabling real-time detection and resolution of critical issues.
- Architected and provisioned bare-metal cloud environments and configured physical Linux servers for diverse workloads, including **Proxmox** and **LXC** for virtualization and **Laravel Forge** for managed server deployments.
- Spearheaded the migration of legacy infrastructure from end-of-life CentOS and MySQL to modern CloudLinux and MariaDB environments.

DESIGN PROJECTS AND RESEARCHES:

Maturity Stage Classification for Mushroom Fruiting using Instance Segmentation

Sept 2024 – June 2025

- Developed the notification feature using **Firebase** and **AWS S3** to store device push tokens, enabling timely alerts when 'Ready' mushrooms are detected. Implemented a 'selective cropping' feature that partitions the input into a grid, enabling localized processing to accurately identify and pinpoint areas.

TECHNICAL SKILLS:

Languages: Python, PHP, C++

Virtualization & DevOps: Docker, Kubernetes, Proxmox, LXC, GitLab CI/CD, Terraform

Cloud Computing: AWS, Azure, Digital Ocean, OVHcloud, cPanel

Embedded Systems: Arduino, Raspberry Pi

Observability: Grafana, Sentry, Dynatrace, ELK

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** – Amazon Web Services
- **AWS Cloud Essentials Trained** – Amazon Web Services
- **Containerization and Virtualization with Docker and Kubernetes** – DataCamp
- **Microsoft Azure Fundamentals (AZ-900)** – DataCamp
- **Docker Foundation Professional Certificate** – Docker Inc.
- **DevOps Professional Certification** – PagerDuty