

BRYAN PAUL DE LEON

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EDUCATION:

Technological Institute of the Philippines - Quezon City
Bachelor of Science in Computer Engineering

Aug 2021 – June 2025

WORK EXPERIENCE:

DevOps Engineer | MaraLabs Inc.

August 2025 - Present

- Contributed to the design, development, and deployment of a proprietary financing system leveraging **Laravel**, **Filament**, and **MySQL**. Supported the containerization of internal services using **Linux Containers** and **Docker**, with the addition of a bastion host to provide secure access and mitigate potential attacks.

Site Reliability Engineer | eTap Inc.

March 2025 - May 2025

- Supported daily monitoring of **AWS Cloud Infrastructure** using **Grafana**, identifying data patterns that could signal potential anomalies.
- Analyzed a total of **20** anomalies using the **MITRE ATT&CK** framework, leveraging Cloudflare-generated reports to understand the nature of potential attacks.
- Gained familiarity with key concepts essential for Site Reliability Engineering (SRE), including **Docker**, **Linux**, and various Amazon Services.

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 with ready-to-harvest mushrooms.

Temperature Regulation System for Food Delivery using Proportional-Integral-Derivative

Feb 2024 – May 2024

- Developed the project's dashboard application using **Arduino Cloud**. Implemented the device's PID function, which dynamically adjusts and maintains the temperature as close as possible to the user's desired setpoint.

EXTRA-CURRICULAR ENGAGEMENTS:

Creatives and Communications Director | Tempest Gaming Society

Aug 2023 - July 2024

- Crafted a total of **82** publication materials. aimed at addressing key organizational updates, promoting events, and enhancing public engagement.

CERTIFICATIONS AND TRAININGS COMPLETED:



Data Science Associate
DataCamp



Certified in AI Fundamentals
DataCamp



Data Literacy Professional
DataCamp



AWS Certified Cloud Practitioner
Amazon Web Services



C2 Proficient in English
EF Standard English Test



Alteryx Designer Core Certified
Alteryx

TECHNICAL SKILLS:

- CI/CD:** Jenkins, AWS CodePipeline, ECR
- Cloud Platforms:** AWS, Firebase, Arduino Cloud
- Incident Investigation:** MITRE Framework
- Embedded Systems:** Arduino, Raspberry Pi
- Data Analysis:** Alteryx Designer
- Containerization:** Docker, Linux Containers