JOHN LOUIE SUPERALIS

DevOps Engineer | Cloud Infrastructure | Kubernetes | CI/CD Automation

Las Piñas, Philippines • +63 995 765 2483 • jl.superalis@gmail.com

linkedin.com/in/jlsuperalis • jouls.dev

PROFESSIONAL SUMMARY

DevOps Engineer with hands-on experience designing, deploying, and operating cloud infrastructure on AWS. Focused on Amazon EKS and Kubernetes, Infrastructure as Code with Terraform, and CI/CD automation with GitHub Actions. Proven record of cutting cloud and container-registry costs, optimizing Docker workloads, and keeping Production and UAT environments reliable and responsive under load. Background in Odoo ERP development and full-stack (MERN) web development, with an emphasis on automation, reliability, and operational stability.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EKS, EC2, S3, IAM, ECR, SES, SNS, Cognito, CloudTrail), Kubernetes, Docker, Terraform (IaC)

CI/CD & Automation: GitHub Actions, Self-hosted & GitHub-hosted Runners, OIDC, Least-privilege IAM, Bash, Cron

Observability: Grafana, Prometheus

Web Development: React.js, Node.js, Express.js, JavaScript, HTML, CSS, SCSS, Tailwind CSS, Bootstrap

Databases: PostgreSQL, MySQL, MongoDB

ERP: Odoo Development (Community & Enterprise)

Tools & Collaboration: Git, GitHub, Gitea, Postman, Linux, Notion, MS 365, Figma, Canva

PROFESSIONAL EXPERIENCE

DevOps Engineer

Career Team — Colorado, United States (Remote) | Aug 2026 – Present

- Built an email delivery tracking pipeline using AWS SES configuration sets, SNS topics, and webhook integrations to monitor end-to-end email delivery status across the platform.
- Optimized Docker images from 3GB+ to 1.1–1.3GB (~60% size reduction), accelerating deployments and lowering ECR storage costs.
- Developed reusable Infrastructure as Code (Terraform) modules for company microservices, standardizing provisioning across new and existing services.
- Migrated legacy sites into Terraform management using `tf import`, bringing previously unmanaged infrastructure under version control.
- Drove resource optimization through observability-driven analysis and code-level changes, improving CPU utilization and overall site performance.

DevOps Developer

Career Team — Colorado, United States (Remote) | Oct 2025 – Aug 2026

- Designed and orchestrated event-driven, self-hosted GitHub Actions runners on AWS that scale on-demand per deployment and workflow job, cutting self-hosted runner costs by ~80% vs. the prior persistent-runner setup.
- Migrated CI/CD onto GitHub-hosted larger runners for compliance, using OIDC-assumed AWS roles with least-privilege permissions and right-sized runner specs per workflow.
- Maintained UAT and Production AWS environments on Amazon EKS with horizontal pod autoscaling to keep platforms available and responsive under load.
- Supported the web and systems development team day-to-day: debugging production issues, validating environment configuration, and keeping services healthy across deployments.
- Implemented ECR lifecycle policies across environments, reducing ECR storage costs by ~60%.

DevOps / Odoo ERP Developer

Obanana Corp. — Makati, Manila | Feb 2025 – Oct 2025

- Pioneered the company's DevOps practice, managing both cloud and on-premise server infrastructure.

- Deployed and managed a range of Docker containers with automated maintenance via Bash scripts, cron jobs, and a self-hosted observability stack (Grafana + Prometheus).
- Provided Level 2 technical support for deployed sites and services.

Fullstack Web Developer
Freelance | Jun 2024 – Jan 2025
- Built full-stack web systems and project-based commissions for clients, from static sites to e-commerce platforms.
- Developed end-to-end applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).

Web Developer Intern
Obanana Corp. | Feb 2024 – Jun 2024
- Contributed to the build and maintenance of the company's B2B e-commerce website using PHP, JavaScript, and Bootstrap.
- Debugged and resolved issues to maintain a reliable user experience.

EDUCATION

Bachelor of Science in Information System

Technological University of the Philippines — Manila | 2024 | Cum Laude

CERTIFICATIONS

- AWS — DevOps on AWS: Code, Build, and Test (Dec 2024)
- AWS — DevOps on AWS: Release and Deploy (Dec 2024)
- AWS — DevOps on AWS: Operate and Monitor (Jan 2025)
- The Complete Odoo 16/17 Technical Course: From Zero to Hero (May 2025)

KEY PROJECTS

Event-Driven Self-Hosted Runner Autoscaling
AWS, GitHub Actions, event-driven autoscaling, OIDC

Designed an event-driven self-hosted GitHub Actions runner fleet on AWS that spins up ephemeral runners on-demand per deployment and workflow job, then tears them down on completion. Replaced always-on persistent runners, cutting self-hosted runner costs ~80% and right-sizing compute per workflow.

Email Delivery Tracking Pipeline
AWS SES, SNS, Configuration Sets, Webhooks

Built an end-to-end email deliverability pipeline wiring SES configuration sets to SNS topics and downstream webhook consumers, giving the platform real-time visibility into sends, deliveries, bounces, and complaints that were previously a black box.

EKS Pod Identity Migration (Keyless IAM)
Amazon EKS, Pod Identity, IAM

Contributed to migrating multi-tenant Kubernetes workloads from static IAM keys to EKS Pod Identity for scoped, short-lived credentials; helped stage the rollout per namespace to protect production and diagnose edge cases (e.g., auth-token size impacts on presigned URLs).

Obbserver School – School Information System
Odoo Community, Linux, Reverse Proxy, Cloudflare, Certbot

DepEd-aligned school information system (enrollment, learning management, grades) in active production at a private school in the Philippines. Led development and own its deployment: self-hosted Odoo Community on a cloud server behind a reverse proxy, with Cloudflare DNS management and auto-renewed SSL certificates via Certbot. Features include automated enrollment invoicing, student ID generation, mobile attendance logging, and Jitsi-based virtual classes. (ljcsi.obbserver.com)