

WORK EXPERIENCE

OpsWerks — Site Reliability Engineer

Jan 2025 – Present

Mandaluyong, Philippines

- Provided production support and optimized backend system reliability for a major technology client, reducing alert noise and resolving ~120 critical alerts monthly to ensure continuous data synchronization and service uptime. Managed 3 distinct properties with different services and handling approximately 120 alerts monthly and resolving issues in a timely manner.
- Conducted root-cause analyses and incident response for critical system and infrastructure issues, coordinating mitigation and resolution actions with dependency teams across various major incidents which was used by millions of customers. Leveraged Grafana dashboard tooling to provide leadership and management with critical, business-impacting insights into day-to-day operations, enabling data-driven decision-making and strategic improvements.
- Authored and updated comprehensive runbooks and team documentation, standardizing triage processes and accelerating onboarding for less-experienced team members. Contributed insights in team meetings to continuously improve operations reliability and efficiency.
- Built alerts to notify engineers of issues needing attention, such as down or inactive Solr replicas, proactively preventing service degradation. Created a comprehensive leadership dashboard providing quantitative visibility into alert volume, tagging, and insights for managers and service delivery leaders.
- Developed an automatic inquiry tracker that tracks the statuses of user inquiries received through Slack workflows. Tracker is equipped with dashboards that lessened data extraction time by up to 90%.
- Programmed a 90%-solution tool that applied remediation strategies to resolve frequent rebalance issues with Apache Solr through StackStorm, which reduced active effort to monitor by almost 50%.
- Implemented an automatic issue-triaging solution with StackStorm auto-remediation platform that shoulders as much as 80% of the investigation process reducing time to investigate by up to ~70% and driving faster alert resolution times.

OpsWerks – SRE Intern

Jul 2024 – Jan 2025

Mandaluyong, Philippines

- Accelerated learning across a comprehensive suite of DevOps tools including Linux, observability, CI/CD, containerization/orchestration, and automation, within 3 months to prepare for production support.
- Led a team of 4 in a full-stack DevOps deployment pipeline project. Fully developed the web app and deployed in a provisioned Kubernetes cluster where CI/CD pipelines are set with Jenkins with a blue-green deployment strategy. Processes were documented and runbooks were created to troubleshoot common 4xx/5xx error to promote and practice self-sufficiency. Overall project outcome receive an outstanding 107% rating passing the internship phase.

EDUCATION

Technological Institute of the Philippines - Quezon City

Bachelor of Science in Mechanical Engineering
2024

- Served as Vice President of a student-led organization overseeing and coordinating organization operations.

SKILLS

Technical Skills

Splunk, Prometheus, Grafana, OpenTelemetry (OTEL), Kubernetes, Docker, AWS, Linux, Terraform, Ansible, Spinnaker, StackStorm, Python, Jenkins, PostgreSQL, IndexedDB, SQLite, Python, Claude, System Design

Non-Technical Skills

Incident management, Escalation and impact assessment, Runbook authoring, Leadership, Communication, Adaptability, Resilience, Troubleshooting, Problem-Solving

PROJECTS

Course Generation Pipeline (WIP)

July 2026

- Designed a multi-stage content pipeline (ingest, analyze, study-pack, narrate, QA, build) driven by a Python CLI orchestrator (bzctl) with incremental-update and stage-only debug modes, generating self-contained, portable training courses that trainees run with a single docker compose up.
- Addressing onboarding and training material gap where teams have piles of raw docs, runbooks, and references, but lacking a structured, teachable course (chapters, lessons, quizzes, labs) which is slow manual work that few people in the team may have.

Context-Aware Report Generation
(Internal at OpsWerks)

June 2026

- Architected an extendible staged pipeline (scrape, group, analyze, merge, audit) on Claude Workflows that combines LLM reasoning with deterministic Python execution, converting raw Slack discussions and activities into end-of-day handoff and weekly summary reports published straight to a shared docs platform.
- Addressing high and slow manual toil for on calls to summarize EOD activities and weekly syncs which took around 4 hours to complete down to 10 minutes. Designed the architecture for speed, cross-team usability, and extensible functions to deliver the report in a timely manner, where the output has garnered a 98% team-acceptance rating.

AI Quiz Generator (KwizMe)

March 2026

- Built a full-stack Next.js PWA that converts uploaded PDFs into AI-generated multiple-choice quizzes with explanations and citations, using browser-based PDF text extraction and Google Gemini, and delivered configurable study modes with hints and inline question editing.
- Modeled quizzes, questions, sessions, and answer records in Supabase with row-level security and real-time cross-device sync, implemented Supabase Auth and a tag-filterable quiz browser, and added error monitoring via Sentry on a Vercel deployment.

AI-Powered Receipt Processing (ORC)

December 2025

- Built a mobile-installable Progressive Web App that turns receipt photos into structured, exportable expense data, integrating Google Gemini for OCR and per-field yaml extraction across a dozen fields with confidence scoring, and using Web Workers to keep the UI responsive during batch processing.
- Designed a privacy-first, local-first architecture with IndexedDB persistence and encrypted in-browser API-key storage so receipt data never leaves the device beyond the AI call, then shipped multi-format export (CSV, Excel, PDF, JSON) deployed on Vercel.