

Endra Lazuardi Ardafi Rahman

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Profile Summary

Junior DevOps/SRE Engineer with hands-on experience in production monitoring, CI/CD, Linux operations, Docker, and infrastructure troubleshooting. Experienced in observability, on-call production support, incident mitigation, and deployment reliability across cloud and on-premise environments.

Professional Experience

BagiBagi.co / Leading Indonesian donation and engagement platform for the creator economy

Bandung

Junior Devops Engineer - Remote

Jan 2026 – current

- Implemented an LGTM observability stack using Loki, Grafana, Tempo, and Mimir, exposing endpoint traffic, error rates, and p95 latency to support faster production incident triage.
- Built a PR-based ephemeral test server that provisions isolated environments per pull request (~4 active PRs/week), letting the team validate features before merge and saving hours of manual setup per cycle.
- Streamlined the frontend CI/CD pipeline in GitHub Actions, cutting deploy time from ~5 min to 2–3 min while adding automated post-deploy health checks and Discord failure alerts.
- Hardened container security by reducing the staging image 57% (1.2GB → ~520MB) with multi-stage builds and a non-root runtime user, integrating Trivy vulnerability scanning and HashiCorp Vault for secret management.
- Supported on-call deployment and migration of the application from v1 to v2, resolving release issues, applying database migrations, updating CI/CD pipelines, and verifying service health after deployment.
- Mitigated a production incident caused by an invalid GCP billing configuration by disabling frontend TTS API requests to prevent user-facing failures, coordinating account recovery with a teammate, and restoring the feature after validating service availability.

Arnatech / Software development house specializing in scalable web solutions for high-growth startups

Bandung

Junior Software Engineer

Aug 2025 – July 2026

- Developing the Pertamina Learning Hub frontend using Blazor (.NET), focusing on high-performance UI components and seamless API integration for thousands of users.
- Optimized Nginx production configurations, troubleshooting request routing and proxy headers to ensure the stability and uptime of the production environment.

Informatika Media Pratama / Software development house specializing in scalable web solutions for startups

Bandung

Devops Engineer Internship

Apr 2025 – Aug 2025

- Diagnosed and resolved critical Docker daemon and layer caching issues, restoring broken pipelines and improving build reliability.
- Implemented GitOps principles using GitLab CI to manage environment configurations, ensuring declarative and reproducible deployments across project environments.
- Conducted on-site physical server maintenance; performed bare-metal Linux OS installations and networking configuration to restore production hardware.

Projects & Achievements

Homelab (2026)

Architected a home-server environment using Proxmox VE, managing multiple Virtual Machines and LXC containers for self-hosted services. Deployed a K3s environment to practice Kubernetes manifests, ingress controllers, and persistence storage management. Set up a private mesh VPN (Tailscale) for secure cross-device synchronization and remote management

Contributed to **TerraVision (2026)**

by improving dependency preflight checks to report all missing tools at once, provide OS-specific installation guidance, map executables to readable package names, and add unit tests for dependency and OS detection.

TEDxTelkom University (2025)

Built and monitored the website deployment workflow using GitHub Actions, Vercel, AWS S3, and Uptime Kuma, maintaining 99.9% measured uptime.

Education

Telkom University

B. Information System

GPA: 3.83

Sep 2022 - Jul 2026 (expected)

Certs

Belajar Dasar Cloud dan Gen AI di AWS - Dicoding Indonesia (2026)

Skills: Linux, Docker, Kubernetes, Nginx, Proxmox, AWS, GCP, Terraform, Ansible, Grafana, Prometheus, Loki, Tempo, Mimir, ELK, Github Actions, Gitlab CI, Jenkins, ArgoCD, Helm, Python, Go, TypeScript