

Fikri Muhammad Iqbal S.Kom

DevOps Engineer with a background in Laravel development and extensive experience in Linux server management. Focused on modernizing legacy infrastructure at Universitas Padjadjaran by implementing GitLab VCS, Rancher-managed Kubernetes, and centralized observability. Experienced in executing cloud migrations for partner infrastructures and resolving production bottlenecks through data-driven metrics.

Bandung, Jawa Barat
Indonesia

(+62) 82127300773

fikri.miqbal23@gmail.com

linkedin.com/in/fikrimi

EXPERIENCE

DigiSpark (Contracted to Peruri & BGN) — DevOps Engineer

Nov 2025 - Mar 2026

- Engineered high-availability storage solutions by implementing Shared PVCs (RWX) on Huawei Cloud via OBSFS
- Executed the migration of partner infrastructure to a centralized cloud environment for a National Strategic Program
- Diagnosed production issues, network-loss on EBS-related incidents, and database connection usage reduction

Universitas Padjadjaran (UTBK) — Lead System Developer

Oct 2025 - Present

- Architected a custom Debian Bookworm-based Live-to-RAM operating system, implemented systemd-level security and automated scripts to prevent cheating
- Developed a custom C++/WebKitGTK browser with runtime integrity validation and sub-process monitoring to prevent unauthorized access and non-compliant usage

Universitas Padjadjaran — DevOps Engineer

Feb 2022 - Present

- Established the organization's first formal Version Control System (VCS) via self-managed GitLab, migrating 90% of legacy codebases to eliminate code loss and ensure source code integrity
- Decoupled the infrastructure from the application layer using Kubernetes and Rancher, empowering developers to deploy modern stacks (Next.js, Go, Python) and reducing environment-related deployment friction
- Modernized the core infrastructure stack by introducing MinIO Object Storage, Docker, SonarQube, and the ELK Stack
- Advocated for data-driven capacity planning within VMware vSphere, eliminating guesswork and infrastructure blind spots such as DB usage
- Modernized the observability stack by introducing Sentry for centralized error tracking, achieving 30% coverage across the application ecosystem to enable proactive identification of stability issues and production regressions
- Endorsed and successfully implemented CDN usage to reduce bandwidth by 8TB per month, and blocking frequent DDOS attacks that counts for 15% in traffic reduction to our datacenter

EDUCATION

Universitas Padjadjaran,
2020

Computer Science, 3.58 GPA

SKILLS

Automation, IaC, and GitOps
Ansible, Terraform, Flux

Queues
Kafka, NATS

Workflow Automation
N8n, nodered

Cloud Vendors
AWS, GCP, Alibaba, OCI,
Huawei, DigitalOcean

Containerization
Docker, Kubernetes, Rancher

Observability
ELK, Prometheus, Grafana

PROJECTS & FREELANCES

DanaSyariah Indonesia
— Backend Engineer,
2022