

Aris Krisna Marantika

Infrastructure & DevOps Engineer

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aris@marantika.id:~$ uptime
8+ years hands-on      5 platforms shipped      24/7 .id DNS on duty      3 sysadmins led
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$ whoami — SUMMARY

Infrastructure & DevOps engineer with 8+ years of hands-on experience, currently leading the system administration team that keeps Indonesia's .id DNS infrastructure online at PANDI. I bridge physical infrastructure — servers, routing, firewalls, anycast — with automated platforms, and I ship production applications end-to-end with AI-assisted engineering behind strict security gates.

$ journalctl -u career --reverse — EXPERIENCE

System Administrator · Team Lead — PANDI — Indonesia .id domain registry

May 2022 — present · Tangerang

- Lead a team of 3 system administrators operating the national .id DNS registry infrastructure 24/7; set technical direction and delegate by incident severity and skill set.
- Operate and secure on-premises servers, routers, firewalls and switches, plus a globally distributed anycast DNS fleet, for maximum availability.
- Designed passive DNS traffic analytics across the anycast fleet with zero production impact and privacy by design: client addresses are truncated server-side and only aggregates are kept.
- Built fast.id (public DNS health checker) and telik.id (DNS traffic intelligence portal with restricted, audited access) end-to-end, from application to platform and delivery pipeline.
- Introduced layered DevSecOps gates — static analysis, dependency and secret scanning, dynamic testing — that block releases on high-severity findings.

Founder — sayabantu.in — web & IT consulting

Jul 2026 — present · Remote

- Run my own service business: websites for Indonesian small businesses and IT consulting (on-prem, networks, databases, Kubernetes, CI/CD, DNS, cloud).
- Built and operate a hardened shared-hosting standard: edge-only origin, isolated services, atomic releases with automatic rollback, encrypted offsite backups.
- Delivered client platforms cadutproject.id and batikmoto.com from requirements to production.

Network Administrator (IT Network) — PT Graha Mitra Teguh

Jan 2019 — Apr 2022 · Jakarta

- Managed internal networks, servers and DNS for secure, reliable IT operations.
- Deployed and maintained virtualised and cloud infrastructure (AWS, Linode, Vultr) for development and production.
- Built and tuned web hosting with reverse proxies; administered email, file storage and collaboration systems.
- Unblocked developers on server-side issues and deployments; automated routine operations with Bash.

IT Support — PT Interlog Digital Indonesia

Jul 2018 — Dec 2018 · Jakarta

- Cross-department user support, office hardware (printers, CCTV, cabling), email administration and system monitoring.

Earlier: IT Support at Rich Net, a four-branch internet café (2013 — 2018, part-time while studying) · Laboratory Assistant at LPK Media Informatika (2011 — 2013).

$ ls ~/work — SELECTED WORK

telik.id — DNS traffic exploration & lookup intelligence for .id, with audited access. Restricted — public visitors get a 404 by design.

sayabantu.in — My service business for small-business websites and IT consulting.

batikmoto.com — Motorcycle spare-parts catalogue for wholesale and retail buyers.

fast.id — Public DNS health checker: delegation, DNSSEC, propagation, graded A+ to F with RFC-referenced fixes.

cadutproject.id — Custom photo-print & wall-decor store with online design, ordering and tracking.

$ systemctl list-units --type=skill — SKILLS

- linux — Ubuntu/Debian, RHEL family, systemd, hardening, performance tuning, LVM/RAID/NFS
- network — TCP/IP, BGP, VLAN, anycast, NAT, VPN/WireGuard, firewalls (FortiGate, MikroTik), packet analysis
- dns — Authoritative & recursive DNS, DNSSEC, AXFR/IXFR/TSIG, anycast operations, RFC compliance
- virtualization — KVM/QEMU, Proxmox VE, hybrid cloud, VPS (AWS, Linode, Vultr)
- platform — Docker, Kubernetes, nginx, CI/CD (GitLab CI, GitHub Actions), GitOps
- data — ClickHouse, PostgreSQL, MySQL/MariaDB — retention, indexing, backup & restore testing
- observability — Prometheus, Grafana, alerting to Telegram, SLO-minded dashboards
- automation — Ansible, Bash, Python, Go
- security — DevSecOps (SAST, dependency/secret scanning, DAST), OWASP, TLS, least privilege, personal data protection (UU PDP)
- ai-pairing — Shipping production apps with AI pair-programming (Claude Code), reviewed and gated by CI

$ ls /etc/ssl/certs — CERTIFICATIONS

KINDNS — DNS & DNSSEC Operational Best Practices
Deploying Security Strategies for the Modern Network (r04)
Practical Virtualisation with Hybrid Strategies

$ cat /etc/education — EDUCATION

Universitas Budi Luhur
B.Sc. Informatics Engineering · 2013 — 2018

$ locale — LANGUAGES

Indonesian (native) · English (professional working)

References available on request

marantika.id/cv · 2026-11