Edgar Matoto

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Summary

Informatics and Computer Engineering graduate (GPA 3.79/4.00) with hands-on experience across System Administration, Network Engineering, and Full-Stack Development. Proven track record in architecting reliable cloud infrastructure, managing high-availability server clusters, and building scalable web applications that automate workflows and eliminate operational downtime. Adept at bridging software engineering with infrastructure operations to deliver secure, production-ready systems.

Experience

PT TASPEN (Persero) — Jakarta, Indonesia
IT Support (Internship) — *Sep 2026 – Present*

- Delivered technical support and troubleshooting for branch office users nationwide, maintaining smooth operational workflows and system availability.
- Gained practical experience in enterprise-grade IT infrastructure, focusing on Active Directory (AD) user identity management, network security policies, and enterprise system operations.

UPA TIK Politeknik Negeri Ujung Pandang — Makassar, Indonesia
Network Engineer & System Administrator (Internship) — *Jan 2025 – Jun 2026*

- Managed and maintained daily campus server operations on Proxmox and Linux environments, ensuring high availability and data integrity for internal academic systems.
- Deployed official campus web applications using Docker and Nginx reverse proxies, enforcing SSL/TLS certificate management and server hardening against common vulnerabilities.
- Configured and troubleshoot MikroTik routers, switches, and access points networking equipment to deliver reliable, high-speed connectivity for thousands of active campus users.
- Resolved complex technical infrastructure issues and provided end-to-end IT support, maintaining zero prolonged service downtime.

NovaCloud.id — Makassar, Indonesia
Co-Founder & System Administrator — *Aug 2025 – Oct 2026*

- Engineered and maintained a high-availability Proxmox server cluster to deliver scalable, reliable cloud hosting.
- Administered both managed and self-managed hosting environments, ensuring strict uptime for over 10 active business clients.

Education

Politeknik Negeri Ujung Pandang (PNUP) — Makassar, Indonesia
Undergraduate in Informatics and Computer Engineering; GPA: 3.79/4.00 — *Aug 2022 – Jul 2026*

Politeknik Negeri Batam — Batam, Indonesia
Independent Student Exchange Program; GPA: 3.81/4.00 — *Feb 2024 – Jul 2024*

Certifications

AWS Certified Cloud Practitioner, AWS Re/Start Program — Expected Dec 2026
Web Developer Assistant, Badan Nasional Sertifikasi Profesi (BNSP) — Sep 2026
AWS Knowledge: Cloud Essentials, Amazon Web Services (AWS) — May 2024
DevOps Engineer - Expert, DBS Bank — Nov 2023
Back-End Developer Expert, Dicoding Indonesia — Jul 2023
Menjadi Linux System Administrator, Dicoding Indonesia — Jun 2023
Offline Training Back-End Developer, IDCamp Indosat Ooredoo Hutchison — May 2023
Architecting on AWS, Dicoding Indonesia — Apr 2023

Technical Skills

Languages: Golang, Python, PHP, JavaScript, Typescript, SQL
Frameworks & Libraries: Laravel, ReactJS, NextJS, ExpressJS, Gin-Gonic
Infrastructure & DevOps: AWS, Docker, Proxmox, MikroTik, Linux, Git, Github

Projects

Middleware Integrasi SIAKAD dan Google Workspace | *Golang*

- Architected a centralized middleware system in Golang to integrate the campus Academic Information System (SIAKAD) with Google Workspace.
- Automated the lifecycle management and provisioning of over 5,000 student accounts, eliminating manual data entry and drastically reducing administrative overhead.