

Miftahul Ulum

IT Technical Support · Digitalization & Transformation

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SUMMARY

Bridging operations and IT: turning manual work at the plant and office into practical apps, from instrument monitoring, warehouse, and CCTV to IT service, contracts, and documents, plus the servers that run them.

EXPERIENCE

2025 – present

IT Technical Support · Digitalization & Transformation · Tereos FKS Indonesia

Digitalization and IT support for plant and office teams: building internal apps and running the servers behind them.

Dec 2020 – Dec 2024

Data Center Operator → IT Support Office Automation · POSCO DX Indonesia

Handled the IT warehouse, IT assets, and user support, and built a project that automated standard app installs with BAT scripts packaged as EXE.

SELECTED PROJECTS

IT BUILDING

Web servers & deployment · Ubuntu 24.04 · aaPanel · 1Panel

Office server on aaPanel, personal VPS on 1Panel: Docker, automatic SSL, daily backups.

Mass laptop deployment · iVentoy · PXE · autounattend.xml · custom ISO

5+ laptops installed at once. 30 laptops done in 2–3 days.

IT Asset Management · Power Apps · SharePoint List

Laptops, desktops, and monitors tracked in one place, managed by the IT Department.

IT Ticket Management · Power Apps · Power Automate · MS Teams

50–70 tickets a month recorded, with status visible to users and the IT team.

PLANT

InSight App · Instrument monitoring · Node.js · SSE · OPC DA → OPC UA (next phase)

250 tags monitored with a 2-second refresh, used by the Automation Department. History reports are available for every tag and instrument. The tag count follows the current license limit.

Tefispot · Warehouse Management System · in-house

No more vendor subscription. New features are built in-house to fit the warehouse, with no per-module fees.

CCTV Command Center · Python · WebRTC · HLS

About 50 cameras on one screen.

OFFICE

Contract Management · Power Apps · Power Automate · for the Purchasing team

50+ vendor contracts managed in one SharePoint List.

Document Control · Power Apps · Power Automate · for External Affairs

External Affairs can monitor external documents more easily and no longer has to hunt for files, because everything is centralized in one app.

CAREER

Standard app install automation · BAT script · packaged as EXE

The IT Support team installs the standard apps simply by running one EXE built from BAT scripts, so every standard install is consistent and recorded.

SIDE PROJECTS

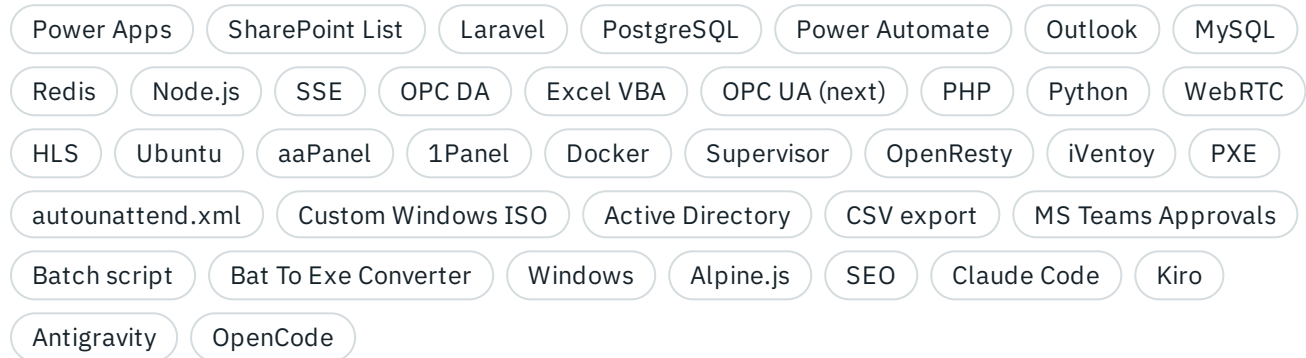
Kosan Mama · Laravel 13 · PostgreSQL · SEO

A multi-branch women's boarding house site with an admin panel for the owner. kosanmama.lunworkspace.my.id

POS Bakmie Abah · Laravel · PostgreSQL · Redis

A cashier app: orders, menu, and daily reports.

SKILLS & TOOLS



EDUCATION

Diploma (D3) in Informatics Engineering, Politeknik Pos Indonesia (2016–2019).

Interactive 3D version: lunworkspace.my.id