DONNI MAULANA SIPA

Digital Healthcare Specialist — Healthcare IT & Software Development

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ABOUT

Bridging healthcare and technology through MIMPS (PACS) with RIS, hospital integration (FHIR/HL7/API/DB), and AI-driven research in medical imaging analysis and clinical workflows.

EXPERIENCE

Enseval Medika Prima
IT Healthcare Specialist
Jul 2022 – Present

- Co-developed in-house MIMPS (PACS) — Winner Kalbe Innovation Convention 2024
- Led 35+ hospital integrations (FHIR, HL7, API, or DB) as PIC integrator
- Developed custom middleware (Cross database, API, or SatuSehat) for hospital interoperability
- Contributed to Ministry of Health (Indonesia) compliance (CPAKB, AKD, and TKDN)

PROJECTS

In-house MIMPS (PACS) Development (2023 - Present)

Turned a near-failure launch by identifying and optimizing a heavy query that was overloading the server.

Mimo Certification Projects (Nov 2024)

https://donnimsipa.my.id/mimo-be | https://donnimsipa.my.id/mimo-fe | https://donnimsipa.my.id/mimo-fs

ANN for X-Ray Exposure Optimization (IMERI 2019)

Developed an AI-driven tool that predicts optimal X-ray exposure settings for thoracic imaging

Link: https://donnimsipa.my.id/ann-publication-4th-imeri-ui

SKILLS

Healthcare It

MIMPS (PACS) · RIS · DICOM · System Integration (FHIR/HL7/API/DB) · Regulatory: CPAKB / AKD / TKDN

Software Infra

Golang · React/Svelte/Vue · Linux, Windows, macOS · VMware, Proxmox, Azure · Docker, Podman, Kubernetes · Database (SQL/NoSQL) · Supabase/Pocketbase/Trailbase/BKND

CERTIFICATIONS

- TÜV NORD Indonesia — Awareness ISO 62304 (Oct 2025) – Medical software safety awareness
- Alibaba Cloud — Cloud Security (Oct 2024) – Secure cloud infrastructure fundamentals
- Inco Academy — Green Digital Skills (Apr 2024) – Eco-friendly tech competency training
- RevoU — Intro to Product Management (Jan 2024) – Basics of product lifecycle