

# DONNI MAULANA SIPA

Digital Healthcare Specialist — Healthcare IT & Software Development

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## A B O U T

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

## E X P E R I E N C E

### 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)

## P R O J E C T S

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

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

### Mim o Certification Projects (Nov 2024)

<https://donnimaulanasipa.my.id/mimo-be> | <https://donnimaulanasipa.my.id/mimo-fe> | <https://donnimaulanasipa.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://donnimaulanasipa.my.id/ann-publication-4th-imeri-ui>

## S K I L L S

### Healthcare It

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

### Software Infra

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

## C E R T I F I C A T I O N S

- 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