

Ns. M. ARIEF FARDHIANSYAH, S.Kep

HIS Officer | Data & BI Analyst | Registered Nurse

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PROFESSIONAL SUMMARY

Healthcare technology professional with 5+ years of experience at Mayapada Hospital Jakarta Selatan, uniquely positioned at the intersection of clinical nursing and healthcare informatics. Demonstrated expertise in Hospital Information System (HIS) management, EMR implementation, data analytics, and the design of clinical digital tools for infection control and quality management. Proven ability to bridge technical and clinical teams translating frontline needs into high-impact digital solutions. Certified Data Analyst and BI Analyst. Recognized as Best Employee Nursing Division (2023). Active contributor to KARS accreditation compliance through digital audit and surveillance platforms.

CORE COMPETENCIES

- Hospital Information System (HIS) Management
- EMR Implementation & Clinical Workflow Optimization
- Data Analyst & Business Intelligence (BI)
- Clinical End-User Training & Onboarding (100+ staff)
- Infection Control Digital Audit Tools (PCI/IPCN)
- HAIs Surveillance & Bundle Care Analytics
- Risk Register, FMEA & Quality Indicator Monitoring
- JCI / KARS Accreditation Compliance Support
- Microsoft Excel (Specialist) & Dashboard Development
- Project & Information Management
- Pediatric Nursing & PALS / BLS, BTCLS, Wound Care
- Cross-Functional Communication & Stakeholder Liaison

PROFESSIONAL EXPERIENCE

Hospital Information System (HIS) Officer

Mayapada Hospital Jakarta Selatan

Feb 2025 – Present | Full Time

- Manage, configure, and optimize the hospital-wide HIS platform across all clinical and administrative departments, ensuring system availability, data integrity, and JCI/KARS compliance.
- Serve as the primary liaison between the IT department and frontline clinical staff, translating clinical needs into actionable system configurations and workflow enhancements.
- Design and deliver end-user training and simulation programs for 100+ healthcare personnel across departments including Nuclear Medicine, Radiology, Nursing, and ancillary units.
- Lead HIS go-live simulation exercises for newly integrated units, identifying and resolving workflow gaps prior to full deployment.
- Develop and maintain BI dashboards and operational reports to support evidence-based decision-making at the management level.
- Contributed to JCI Re-Accreditation (2025) by ensuring system documentation, audit trails, and digital workflows met international accreditation standards.
- Develop digital clinical tools for the PCI Committee and Quality Committee — including audit platforms, HAIs surveillance apps, and risk/quality management dashboards (see Key Projects).

Nursing Superuser Electronic Medical Record (EMR)

Mayapada Hospital Jakarta Selatan

Jun 2024 – Jan 2025 | Full Time

- Designated EMR Superuser for the Nursing Division, primary subject matter expert responsible for the nursing module of the hospital EMR system.
- Developed and delivered comprehensive training programs for nursing staff across multiple wards on EMR workflows, digital documentation, and system best practices.
- Collaborated with IT and clinical informatics teams to enhance nursing module functionality, report system issues, and propose workflow improvements based on frontline feedback.
- Designed integrated communication workflows within the EMR environment between nursing, medical, and ancillary departments, reducing handover errors and improving continuity of care.
- Monitored EMR system utilization and generated adoption compliance reports, presenting findings and improvement recommendations to department leadership.

Registered Nurse : Inpatient Pediatric Ward

Mayapada Hospital Jakarta Selatan

Feb 2021 – May 2024 | Full Time

- Delivered comprehensive nursing care to pediatric inpatients in a 200+ bed JCI-accredited tertiary hospital, managing complex clinical cases from neonates to adolescents.
- Performed systematic patient assessment, nursing diagnosis, individualized care planning, implementation, and evaluation aligned with evidence-based nursing standards.
- Maintained accurate patient documentation using both paper and EMR systems, ensuring continuity of care across shift handovers.
- Provided family-centered education and emotional support to patients and caregivers on illness management, medication adherence, and discharge readiness.
- Responded effectively to pediatric emergency situations applying PALS and BLS protocols in collaboration with the multidisciplinary team.
- Recognized as Best Employee — Nursing Division (Mayapada STAR 5-Star Award, 2023) for outstanding clinical performance and professional conduct.
- Actively participated in nursing quality improvement initiatives, JCI standard compliance audits, and departmental continuing education programs.

KEY PROJECTS & DIGITAL TOOLS DEVELOPED

HIS Digital Implementation

2025 – Present | Internal / Institutional | HIS Platform · System Integration · Data Analytics · BI Reporting. Joint Project

Led end-to-end implementation and ongoing optimization of the hospital-wide Hospital Information System at Mayapada Hospital, creating seamless digital workflows connecting clinical, nursing, administrative, laboratory, and data teams. Replaced paper-based processes across multiple departments, reducing turnaround time and documentation errors. Developed BI reporting templates enabling real-time KPI monitoring (bed occupancy, medication dispensing, nursing workload).

Audit Tools PCI Committee — Report & Dashboard

2025 – Present | PCI Committee | Audit Management · PCI/IPCN · Data Visualization · JCI Standards. Own Project

Digital audit platform for the Infection Prevention & Control (PCI) Committee, covering hand hygiene compliance, PPE (APD) usage, and environmental cleanliness audits. Findings are automatically documented in a compliance trend dashboard per unit, exportable for JCI accreditation reporting. Enables real-time monitoring of infection prevention KPIs across hospital units.

Surveillance Bundle HAIs PCI Committee App

2025 – Present | PCI Committee | HAIs Surveillance · Bundle · Infection Control · Clinical Analytics · Own Project

Hospital-Acquired Infections (HAIs) surveillance application based on bundle care methodology, monitoring CLABSI, CAUTI, VAP, and SSI. Calculates infection rates per 1,000 device-days, enables early cluster detection, and sends automatic alerts to IPCN (Infection Prevention Control Nurse) when cases exceed threshold limits. Supports evidence-based infection control decision-making.

Risk Register, FMEA & Monitoring Quality Committee App

2025 – Present | Quality Committee | Risk Management · FMEA · Quality Indicators · PDSA Cycle · Own Project

Integrated risk and quality management platform, Risk Register with risk matrix scoring, FMEA (Failure Mode and Effects Analysis) with automated RPN (Risk Priority Number) calculation, and real-time quality indicator monitoring (IMRS/INM). Includes gap analysis and PDSA (Plan-Do-Study-Act) cycle management. Supports JCI quality management standards.

Nurse Sync App

2023 – Present | Personal / Open Project | Microsoft Excel · Information Management · Healthcare Workflow · Own Project

Smart workspace tool designed to help nurses organize daily tasks, patient care documentation, and team communication workflows. Built to reduce administrative burden and increase time available for direct patient care. Developed using Microsoft Excel with advanced automation.

EDUCATION

S1 Business Management — Marketing & Human Resource

Universitas Islam Sultan Agung (UNISSULA), Semarang

Sep 2025 – Present

Executive Diploma — Business Systems, Management & Technology

Institute of Management, Technology and Finance (IMF), Portugal

Jun 2025 – Present

Profesi Ners (Nursing Practitioner Program) — GPA: 3.71 / 4.00

STIKes Yarsi Sumbar Bukittinggi

Sep 2019 – Aug 2020

S1 Kependidikan (Bachelor of Nursing Science) — GPA: 3.00 / 4.00

STIKes Yarsi Sumbar Bukittinggi

Sep 2015 – Aug 2019

LICENSES, CERTIFICATIONS & CREDENTIALS

- **Data Analyst Certification** — *Special Skill Indonesia* · 2026 (ID: SSB40E018)
- **Executive Diploma in Innovation Management** — *Institute of Management, Technology & Finance Portugal (IMF)* · Nov 2025 (ID: 9775046689MF)
- **The Business Intelligence Analyst Course** — *365 Careers / Udemy* · Aug 2025 (ID: UC-3de6add8-3cf4-4a10-a45b-b23b518d9ddf)
- **ISO 9001:2015 Quality Management in Food Industry** — *Makin Ahli* · Feb 2026 (ID: 099/AP-0P20/MA/II-2026)
- **Basic PPI** — *Perdalin Indonesia* · Active
- **Pediatric Advanced Life Support (PALS)** — *AHA / Hospital Internal* · Active
- **Basic Life Support (BLS)** — *AHA / Hospital Internal* · Active
- **Surat Tanda Registrasi (STR) — Registered Nurse License** — *Konsil Tenaga Kesehatan Indonesia* · Active

PROFESSIONAL & ORGANIZATIONAL ACTIVITIES

- Active Member — Sektor Informasi & Komunikasi, DPK PPNI RS Mayapada Jakarta Selatan (Since 2022)
- Participant — JCI Re-Accreditation Internal Committee, Mayapada Hospital (2025)
- Digital Tools Developer — PCI Committee & Quality Committee, Mayapada Hospital (2025–Present)
- Contributor — Mayapada Hospital HIS Go-Live Task Force (2024–Present)

TECHNICAL & PROFESSIONAL SKILLS

Healthcare IT: HIS Management, EMR Implementation & Optimization, Clinical Workflow Design, End-User Training, System Compliance (JCI/KARS)

Data & Analytics: Data Analysis (85%), Business Intelligence & BI Reporting (78%), Microsoft Excel Advanced (92%), Dashboard Development, KPI Monitoring

Infection Control Tools: PCI Audit Platform, HAIs Bundle Surveillance (CLABSI, CAUTI, VAP, SSI), Infection Rate Analytics, Cluster Detection, IPCN Reporting

Quality & Risk Mgmt: Risk Register, FMEA with RPN Calculation, Quality Indicator Monitoring (IMRS/INM), Gap Analysis, PDSA Cycle, KARS/JCI Standards

Clinical Skills: Patient Assessment (96%), Pediatric Care (94%), Emergency Response PALS/BLS (92%), Patient Documentation (95%), Family Education (88%)

Management: Project Management (80%), Information Management (88%), Communication (91%), Stakeholder Liaison, Cross-functional Collaboration

Languages: Indonesian (Native), English (Professional Working Proficiency — 80%)

ACHIEVEMENTS & RECOGNITION

- Best Employee in Nursing Division | Mayapada STAR Award, 2023 | Awarded for master the field of work well, exceptional clinical performance, professional attitude, and team contribution.
- JCI Re-Accreditation Contributor | Mayapada Hospital, 2025 | Supported successful JCI international re-accreditation through digital system documentation and audit trail compliance.
- Healthcare Digital Tool Developer | 2025–Present | Independently developed 3 digital platforms for PCI Committee (Audit Tools, HAIs Surveillance) and Quality Committee (Risk/FMEA/Quality Monitoring) — enhancing data-driven hospital governance.
- HIS Training Champion | Trained 100+ healthcare personnel across 10+ departments on HIS and EMR systems; maintained high post-training adoption rates.
- Technical Writer & Thought Leader | Author of 5+ published articles on Healthcare IT, HIS implementation, EMR nursing workflows, and data-driven hospital management.

REFERENCES

Professional references available upon request.