

Chung Nan, Cheng (Nickle)

Healthcare IT System Development & Planning / DevOps / AI Coding

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Experience

- 2025 - Present **Healthy Taiwan Initiative - Scope 3 Project Director**
Kaohsiung Armed Forces General Hospital
Medical system design, planning, implementation, and project management
- 2020 - Present **IT Director**
Kaohsiung Armed Forces General Hospital
Hospital IT system planning, development, operations, database planning, FHIR, SMART on FHIR
- 2021 - Present **NHI Claims Section Chief**
Kaohsiung Armed Forces General Hospital
NHI claims management, global budget management, NHI Kaohsiung-Pingtung branch co-management
- 2025 - Present **Deputy Director of Medical Informatics**
Kaohsiung Armed Forces General Hospital
Clinical and IT system integration, coordination and communication
- 2010 - 2018 **Civilian IT Engineer**
Kaohsiung Armed Forces General Hospital
Medical information system operations and maintenance
- 2006 - 2009 **Founding Board Member, Taiwan Open Source E-Commerce Association**
National Kaohsiung First University of Science and Technology
Registered under MOI letter No. 0950042533, March 16, 2006
- 2003 - 2010 **IT Specialist**
Gangshan Armed Forces General Hospital

Speaking

- 2026 **Corporate Internal Training Instructor**
From Manual Governance to AI-Assisted Collaboration: Modernization Path for Medical Information Systems
- 2026 **Taiwan Healthcare Quality Association Speaker**
Application of Generative AI in Clinical Healthcare Workflows
- 2025 **MOPCON Conference Speaker**
Building Medical Systems with AI - Code It Your Way with Auto-Testing
- 2025 **Ministry of National Defense Medical Affairs Bureau Internal Lecture Instructor**
Building Medical Systems with AI
- 2025 **Taiwan Healthcare Quality Association Speaker**
From Structured Data to Digital Chassis
- 2025 **Kaohsiung Veterans General Hospital Power BI Reviewer**
Sharing Experience in Promoting AI and Digital Transformation
- 2025 **HIMSS APAC 2025 Hospital Representative**
Kuala Lumpur, Malaysia
- 2024 **Speaker, Taiwan Healthcare Management Association**
Hospital DevOps Digital Transformation
- 2024 **MOPCON Conference Speaker**
GenAI on Rails
- 2024 **RubyWorld Conference Speaker**
From Ideas to Implementation streamlining military hospital operations in Taiwan
- 2024 **Paraguay Medical Delegation IT System Presenter**
Medical Information System Overview
- 2024 **COSCUP Conference Speaker**
Building a Hospital Digital Transformation Ecosystem with Rails and Docker Open Source Technologies
- 2024 **DevOpsDays Conference Speaker**
The First Mile to the Last Mile of DevOps in a Military Hospital - A Case Study of KAFGH
- 2023 **ISQua's 39th International Conference 2023**
Utilizing Tableau to Analyze Employee Resilience and Implement Patient Safety Rounds to Enhance the Effectiveness of Hospital Patient Safety Culture
- 2023 **MOPCON Conference Speaker**
Our Hospital's Digital Transformation Journey

Education

2007 - 2009	M.S. in Information Management National Kaohsiung University of Science and Technology (NKUST)
1998 - 2000	B.S. in Information Management National Sun Yat-sen University

Skills & Expertise

Healthcare IT

NHI Claims Medical IS Development System Integration
Digital Transformation

DevOps

DevOps Architecture Unix / Open Source IoT

Development

Web Development Framework (Ruby on Rails) Database
Data Warehouse & ETL

AI / Certifications

AI Coding AI Application Planner Climate & Health Manager

Publications

2024	iThome CIO Tlak 擁抱開源開發技術，累積小勝利要新建數據中臺
2023	Implementing Redmine Project Management Platform to Promote Hospital Digital Transformation 50th Armed Forces Medical Academic Conference
2022	Rearchitecting the Hospital Real-Time Messaging Integration Service Based on Open-Source Technologies and DevOps CIO Taiwan Column
2022	Building a Minimum Viable Product with Rails 7.0 (Part 2) CIO Taiwan Column
2022	Building a Minimum Viable Product with Rails 7.0 (Part 1) CIO Taiwan 專欄
2022	Implementing DevOps in Hospitals (1) — DevOps and the Hospital CIO Taiwan 專欄
2006	osCommerce Online Store Setup Guide, 2nd Edition Hsueh-Kuan Publishing, ISBN 978-986-7198-65-5
2003	osCommerce Online Store Setup Guide Hsueh-Kuan Publishing, ISBN 986-7693-36-1

Systems & Projects

Kaohsiung Armed Forces General Hospital official web site
Rails 開發的醫院官方網站

KAFGH Polyhealth Chatbot
LineBot
Appointment booking, virtual NHI card, medical guidance, campus navigation, instant messaging

Personal Blog & Articles Website
This Website
Built with Ruby on Rails

On-Premise Tableau BI Server Deployment
Real-time dashboards, ER dynamics

Patina Cross-Platform LDAP Management Tool
<https://github.com/losehrt/patina-releases>
Patina is a desktop LDAP management tool built with Rust, providing an intuitive graphical interface for managing LDAP directory services.

FHIR Hero(Taiwan Top 50 SMART Applications)
SMART on FHIR
Application Type: Standalone Launch Patient Health Management App
Target Users: General public, patients, family members, and healthcare professionals