

# Chung Nan, Cheng (Nickle)

Healthcare IT System Development & Planning / DevOps / AI Coding

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## Experience

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- 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

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- 2026 **SMART on FHIR × LINE Bot: Building a Privacy-First AI Architecture for Healthcare**
- 2026 **Speaker, Far Eastern Memorial Hospital Special Session**  
Vibe Coding an Official Hospital Website
- 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  
[nicklecheng.com](https://nicklecheng.com) | (c) 2026 Nickle Cheng
- 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

## Education

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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

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### 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

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2024	iThome CIO Tlak Embracing Open-Source Development Technologies and Building Small Wins Toward a New Data Middle Platform
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

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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.

FHIRLineBot(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