

Chaehyeok Lee

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PROFESSIONAL SUMMARY

Board-certified pediatrician with more than 20 years of outpatient clinical practice, including 17 years of clinic ownership, long-term daily EMR use, and collaboration with EMR vendors. Experienced in identifying workflow problems through real clinical operations and translating them into practical Clinical Informatics solutions supporting documentation, communication, and healthcare operations.

CORE STRENGTHS

Clinical Informatics • EMR/EHR Documentation • Clinical Workflow Optimization • Healthcare Operations • Clinical Documentation • Workflow Automation • Python • Flask • SQLite • REST APIs • Git/GitHub

PROFESSIONAL EXPERIENCE

JE The Line, LLC

Founder | Clinical Informatics Projects | May 2024 – Present

- Develop healthcare workflow solutions based on workflow problems identified through daily clinical practice.
- Built a clinical documentation platform to improve structured patient records, documentation consistency, and workflow efficiency.
- Expanded the platform with communication and operational workflow tools based on real-world clinical needs.
- Continuously evaluate and improve workflow solutions based on operational feedback from real clinical environments.

JE Pediatrics, South Korea

Physician & Owner | May 2005 – Mar 2022

- Owned and operated a pediatric clinic for 17 years.
- Used EMR systems daily for patient documentation, clinical records, scheduling, and clinic operations.
- Worked directly with EMR vendors to improve documentation workflows, system usability, and operational efficiency.
- Identified workflow bottlenecks through daily clinical practice that later became the foundation for Clinical Informatics software development.

Additional Clinical Experience

Chief of Pediatrics – Tonton Children's Hospital (2024–2025)

Pediatric Emergency Department Attending – CHA University Bundang Medical Center (2023–2024)

Medical Assistant – Livingstone Medical Clinic & Anapa Pain Clinic, USA (2022–2023)

CLINICAL INFORMATICS EXPERIENCE

- Improved clinical workflows through firsthand observation, process redesign, and software development based on real operational needs.
- 20+ years of daily EMR use in outpatient clinical practice.
- Collaboration with EMR vendors to improve documentation quality, workflow efficiency, and usability.
- Developed workflow software supporting clinical documentation, communication, and healthcare operations.

TECHNICAL SKILLS

Python, Flask, SQLite, PostgreSQL, SQLAlchemy, JavaScript, HTML/CSS, REST APIs, Git/GitHub, Twilio API, Google Calendar API, Telegram Bot API, AI-assisted software development.

EDUCATION

MD, Dankook Medical School

MS in Pediatrics, Dankook Medical School

LICENSE & CERTIFICATION

Board-Certified Pediatrician, South Korea

Medical Doctor License, South Korea