

RATCHANON NOKNOY

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Portfolio: <https://ratchanon-portfolio.vercel.app>

SUMMARY

Full Stack Engineer with a Bachelor of Science in Software Engineering. Experienced in Next.js and React. Skilled in reviewing design documents and performing SIT, regression, and functional testing. Uses Clean Architecture and AI (Gemini) to build high-quality, testable systems

TECHNICAL SKILLS

- **Languages & Frameworks:** Next.js, React, JavaScript (ES6+), SQL.
- **Design & Architecture:** Clean Architecture, System Design, RESTful API Design, reviewing design documents
- **Testing & Quality:** SIT, Regression, Functional Testing, Manual Testing, and Code Quality Standards.
- **Tools & AI:** Gemini (AI Logic Validation), GitHub Copilot, Git, and LINE Messaging API.

WORK EXPERIENCE

Kamphaeng Phet Municipal Community Hospital | Mar 2025 – Sep 2025

Full Stack Engineer

- **Requirements & Development:** Reviewed design documents to engineer scalable, production-ready web applications using Next.js and React.
- **Testing & Quality:** Applied Clean Architecture to build maintainable, highly testable systems and reduce debugging time
- **AI Validation:** Utilized Gemini AI for code and logic validation to ensure high-performance software delivery.
- **Data & Analytics:** Optimized MySQL queries and automated reports to support executive decision-making and performance.
- **System Integration:** Integrated LINE Messaging API and performed SIT to ensure reliable, seamless data flow.

Kosamphi Nakhon Hospital, Kamphaeng Phet | May 2024 – Sep 2024

Programmer Internship

- Developed PHP-based ITA and booking systems; integrated LINE Notify and conducted manual testing to optimize internal workflows.

EDUCATION

Mae Fah Luang University, Thailand | Graduated 2024

- Bachelor of Science in Software Engineering
- Frontend Developer, MFU Digital Learning Project: Developed Chinese Language 1 digital lessons.

Nawamintrachinuthit Bodindecha School | Graduated 2017

- Science-Mathematics Program (IPST)