RACHAPHOL PLOOKAOM

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SUMMARY

Experienced Full Stack Developer with 2 years of experience building and deploying scalable, production-grade applications. Proficient in a modern tech stack, including Next.js 15, React 19, Flutter, Python/FastAPI, and TypeScript.

Specialized in AI integration with hands-on experience using models like Google Gemini and Claude AI to build solutions for healthcare, business automation, and content generation. Delivered over 20 applications with comprehensive testing strategies and a strong focus on DevOps practices, including CI/CD and cloud deployment on Vercel, Supabase, and DigitalOcean. Skilled in database design, RESTful APIs, real-time features with WebSockets, and architecting complex systems using Clean Architecture and Docker. Committed to high code quality through Test-Driven Development and strict coding standards.

WORK EXPERIENCE

Frontend Developer, Unixdev   Feb 2025 - Present

- Design and implement innovative user-facing features that enhance digital product functionality and user experience.
- Architect modular, scalable code solutions with a focus on reusability, maintainability, and industry best practices.
- Built and deployed web applications using modern technologies, including React.js 19, Next.js 15 (App Router), and Tailwind CSS 4, Flutter.
- Facilitate cross-functional collaboration, bridging design, development, and product management teams to deliver cohesive technological solutions.
- Drive continuous technological innovation by proactively researching, evaluating, and integrating emerging web development technologies and industry trends.

Full Stack Software Developer, Turfmapp   Jan 2024 - Jan 2025

- Developed and maintained web applications using a comprehensive technology stack, including React.js, Node.js, Express.js, Django, HTML, CSS, and Tailwind CSS
- Managed backend databases with MongoDB and PostgreSQL, ensuring data integrity and efficient retrieval
- Deployed and optimized applications on DigitalOcean with Cloudflare, enhancing performance and security
- Integrated cutting-edge AI technologies, including Large Language Models (LLM) and Retrieval-Augmented Generation (RAG) systems to improve application functionality
- Utilized Postman for comprehensive API testing and documentation, ensuring reliable backend services

TECHNICAL SKILLS

Programming Languages & Frameworks:

- Python
- JavaScript
- TypeScript
- Dart
- Golang
- SQL
- Django
- React.js / Next.js
- Flutter
- React Native
- Node.js
- FastAPI
- Prisma

Tools & Technologies:

- Version Control: Git
- Database Management: PostgreSQL, pgAdmin, MongoDB
- Web Servers: Nginx , Traefix
- Caching : Redis
- Containerization: Docker

PROJECTS

Multi-App Healthcare Platform

Technologies: Flutter , Next.js , Bloc
- Description: Complete healthcare ecosystem with patient app, doctor portal, admin dashboard, and driver app

FullStack SaaS Application

Technologies: Next.js, Go- Fiber, Vitest
- Description: Full-stack SaaS application with comprehensive testing and drag-and-drop functionality

EDUCATIONS

Bachelor's Degree in Biological Sciences

Mahidol University, Bangkok, Thailand
2015 – 2018
- Field of Study: Biology/Biological Sciences