

NATTAPAT DAENGKONGKAEW

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SUMMARY

Passionate and detail-oriented computer engineering student with strong skills in Frontend development and Full-Stack Development. Experienced in building real-world applications and collaborating in cross-functional teams.

EDUCATION

Chulalongkorn University 2023 - Present
Computer Engineering and Digital Technology, Faculty of Engineering. GPAX 3.59

SKILLS

- Programming Language** : HTML, CSS, JavaScript, TypeScript, React, Next.js, NestJS, Angular, Flutter, Python, SQL, C++, Java
- Tool & Technology** : Git, GitHub, VSCode, Figma, Postman, Microsoft365, Google Sheets, Google Docs
- Soft Skills** : Team collaboration, Communication, Time management, Problem-Solving

WORK EXPERIENCE

Ayodia Bangkok, Thailand
Programmer intern June 2024 - July 2024

- Developed a Medical Website and Mobile Application for Vital Sign Monitoring.
- Website (Angular): Scans, connects to medical Bluetooth devices, and saves vital sign data to the database automatically
- Mobile App (Flutter): Initializes scanning, connects to devices, and displays vital signs clearly and sensitively.
- Both website and app work seamlessly with efficient and reliable performance.

ACADEMICS PROJECTS

KruMaYung Project - IoT Term Project

- Engineered ESP32 sensor node firmware to acquire real-time environmental data (Sound, Light, Flame) and transmit telemetry via MQTT to the gateway, ensuring efficient low-latency communication .
- Developed a real-time web dashboard integrated with Firebase Realtime Database to visualize live sensor trends and monitor device health status across the system .
- Implemented an interactive Identity Panel on the frontend to display live Edge AI face recognition logs and security alerts, enabling immediate presence verification for smart classroom management .

Hotelviz Project - Software Engineering Term Project

- Developed a Hotel Reservation Website using Next.js for frontend, Express.js for backend and MongoDB.
- Built a full-stack hotel booking platform with user authentication, hotel filtering by amenities and price, and secure online payments.
- Optimized for performance, scalability, and a seamless experience across all devices.

EXTRACURRICULAR ACTIVITIES

- Head Choreographer, StepOut (Faculty Dance club, Chulalongkorn University).
 - Led and choreographed dance show throughout the academic year.
- Activity -Volunteer Member, Funfueng Camp 24th Summer-Winter (14 days camp)
 - Taught and inspired a passion for learning in high school students from rural areas.
 - Led and organized daily recreational activities.
- Welfare Department Member, Larngear camp 23rd (Faculty of Engineering, Chulalongkorn University).
 - Assisted in organizing and managing welfare-related activities for participants.