SUPAPORN NGUANPRASERT

I am a results-driven Software Engineer with hands-on experience in full-stack development, specializing in delivering scalable, high-quality software solutions. Proficient in all phases of the Software Development Life Cycle. I am committed to developing solutions that align with business goals and enhance operational efficiency.

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WORK EXPERIENCES

Freelance   *Bangkok, Thailand*
Software Engineer   **May 2023 – Present**
- **Inventory Management Project:** Designed and developed a real-time inventory management web application using Next.js for the front end and Node.js for the backend. Integrated an Oracle database to efficiently handle inventory tracking, stock updates, and data retrieval. Deployed the application on Vercel as a serverless platform.
- **Box Packaging Company Website:** Developed a responsive and modern website for a box packaging company using Next.js. Integrated dynamic content and optimized performance for SEO. Deployed the application on Amazon Web Services (AWS) using Lambda.

CODEMONDAY CO., LTD.   *Bangkok, Thailand*
Software Engineer   **June 2021 – February 2022**
- **Commercial Banking Website Development:** Contributed to the creation of a dynamic commercial banking website using React, TypeScript, Elasticsearch, Golang, and PostgreSQL. Delivered seamless functionality, robust performance, and an exceptional user experience.
- **Content Management System (CMS) Development:** Developed reusable and scalable CMS components leveraging React, TypeScript, Golang, and PostgreSQL, enhancing content publishing and management efficiency for clients.
- **Corporate Website Implementation:** Contributed to the development of the CODEMONDAY company website, delivering front-end solutions with React and TypeScript, emphasizing responsiveness and aesthetic design.

ACCENTURE COMPANY   *Bangkok, Thailand*
Backend Developer (Internship)   **June 2020 – July 2020**
- **Commercial Bank Payroll System:** Developed backend functionalities for a microservices-based payroll management system using the Java Spring Boot framework. Developed and optimized SQL queries to ensure seamless integration with a relational database, managed through DBeaver. Collaborated with a cross-functional team to gather requirements, troubleshoot complex issues, and deliver a scalable, high-performance solution aligned with client standards and industry best practices.

EDUCATION

National Taiwan University of Science and Technology (NTUST).   *Taipei, Taiwan*
Master of Science in Computer Science and Information Engineering (GPA:4.09/4.30).   **February 2023 – December 2024**
- Research Project (Security in Artificial Intelligence): Developed methodologies to address copyright concerns in generative AI (text-to-image model) by leveraging adversarial examples to safeguard copyrighted images. Conducted experimental analysis using Python and cloud platforms, including Google Cloud and Runpod.io.
- Relevant Coursework:
  - Data Science: Conducted market basket analysis using clustering and association rules.

Shih Chien University   *Taipei, Taiwan*
Chinese Language Studies   **March 2022 – February 2023**
- Completed comprehensive Chinese language courses (Levels 1–4), enhancing cultural and linguistic proficiency for professional and collaborative environments.

Mahidol University   *Nakhon Pathom, Thailand*
Bachelor of Engineering in Computer Engineering (GPA:3.21/4.0)   **August 2018 – May 2021**
- Research Project: Developed a comprehensive online shopping platform with omni-channel capabilities to integrate multiple sales channels for seamless customer experiences. The system utilized Vue.js for front-end development, Firebase for authentication and real-time database management, and MongoDB to provide scalable back-end storage solutions.

ADDITIONAL INFORMATION

Technical skill:
- **Languages:** JavaScript, Node.js, TypeScript, Java, Golang, SQL, HTML, CSS, Python, PHP
- **Frameworks:** Spring Boot, Elasticsearch, React.js, Next.js, Vue.js
- **Databases:** PostgreSQL, DBeaver
- **Cloud:** Google Cloud Platform, Runpod.io, Oracle Cloud
- **Tools:** Git, Jira, Docker, Oracle SQL Developer, DBeaver, Figma, Vercel
- **Other:** Agile/Scrum Development, RESTful APIs, Linux

Languages: Mandarin Chinese, English, Thai
Interests: SAP module, Blockchain, Creative and Design