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Suan luang, Bangkok, Thailand

Objective

Passionate about software development and problem-solving, I specialize in building scalable, high-performance web applications. With experience in full-stack development and project management, I have led and contributed to solutions that enhance user experience, optimize system efficiency, and drive business growth. I aim to apply my expertise in backend architecture, frontend development, and cloud infrastructure in a dynamic environment, collaborating with talented professionals to create impactful digital products.

WORK EXPERIENCE

Full-Stack Developer Part-Time

Swipe

April 2024 - November 2024

- Developed and implemented responsive and interactive Progressive Web App (PWA) product based on detailed Figma designs, ensuring functionality across all devices. Developed by Next.js, TypeScript, MUI, and Redux
- Enhanced project performance through efficient coding practices and performance tuning by best practice solution
- Designed and implemented APIs services for the main product, enhancing its capabilities and performance.

Software Developer Internship

Blockfint

May 2024 - July 2024

- Trained and Implemented advanced concurrency techniques to boost API speed and strengthen security, resulting in faster response times and safer data handling. Developed by Go, GORM, PostgreSQL, Prometheus
- Developed the front-end using Next.js, TypeScript, Mantine, and Redux, delivering a user-friendly and efficient carbon credit offset calculator.
- Designed and developed software modules that improved the user experience for key features of the company's core product, solving critical challenges with innovative solutions.

Back-end Developer Part-Time

TechCare

February 2024 - June 2024

- Designed user and system schemas along with API endpoints to ensure optimal functionality and high performance across the platform.
- Implementing API fetching mechanisms to facilitate seamless data retrieval and transmission within the platform. By Strapi
- Maintained and improved APIs through continuous monitoring, updates, and optimizations
- Architect and optimize the database structure for a delivery application, focusing on scalability, data integrity, and performance.

Software Engineer / Project Manager Freelance

Since 2022

- Created unique, responsive websites from scratch and with CMS tools like WordPress for small businesses and startups. Collaborated with clients to tailor each design, ensuring branding consistency and user-friendly layouts optimized for various devices.
- Built e-commerce solutions with core features including homepage design, shopping carts, product pages, order processing, and secure payment gateways. Integrated custom admin dashboards for efficient order and inventory management and file-uploading functionality to support diverse client needs, using Next.js and Nest.js.
- Developed a robust service to manage store inventory, capable of handling 5,000+ monthly product transactions. Designed advanced features such as product comparison, an interactive dashboard, and an export-to-document function to streamline inventory oversight and reporting, using Firebase services and implemented UI in javascript.

TECHNOLOGIES AND LANGUAGES

Programming Languages	JavaScript, TypeScript, Golang, Java, Python, C++, SQL,
Frameworks / Libraries	Next.js, Nest.js, Go Fiber, React, Prisma, Dizzle, GORM
Databases	PostgreSQL, MongoDB, Redis, MySQL, Supabase
Tools	Git, Docker, Kubernetes
Cloud and DevOps	AWS, DigitalOcean, Firebase, Vercel, GitHub Actions, GitLab CI, Prometheus

EDUCATION

Bachelor of Engineering Program in Computer Engineering

Chulalongkorn University

August 2023 - Present (Not graduated yet)

Related Courseworks: Data Structures and Algorithms, Database Systems, Software Development Practice, OOP, Software Engineering, Computer Networks, Operating System and System Programs

Extracurricular Activities

Software Engineer

Information System Development, SGCU

June 2024 - Present

- Developed a user selection group feature for an incoming students' website, accommodating up to 3,000 users per day
- Designed and constructed the database model and project structure for CU Council, ensuring a scalable and efficient system
- Lead teammate for develop website 'Chu News' the website source of news about the university or other interesting news.

Core Team

Thinc. (Thailand Incubator)

August 2024 - Present

- Contributed to a student-run community focused on societal impact and the development of real-world professional skills, aiming to incubate future leaders.
- Organized and hosted club activities, events, and workshop sessions for students interested in software development, fostering engagement and learning.
- Supervised multiple projects and engineering teams, ensuring effective collaboration and successful project outcomes.

Core Team

Google Developer Student Club CU

September 2023 - Present

- Contributed to transformative educational projects by leveraging Google's suite of tools to enhance teaching and learning experiences across the university.
- Organized and hosted club activities and sessions for students interested in software development Events include "Python Hunt".
- Utilized Google's educational tools to support and improve various academic initiatives

PROJECTS

The 75thTUCU Traditional Football Match (Register Web) Golang, AWS S3

February 2025

A website for announcements and registration for the 75th Chula-Thammasat Traditional Football Match. The platform supports simultaneous registrations of up to 3,000 users and has a total user base of over 20,000.

Chula News (ChuNews) Nest.js, TypeScript, Next.js

January 2025

A news website run by Chulalongkorn University students, providing an opportunity for students from various organizations to contribute and publish news articles.

Nodi Next.js, Python, FastAPI, RAG, Qdrant

December 2024

Nodi is a web application that allows users to discover and connect research papers through intelligent conversations. It uses advanced natural language processing techniques to understand the content of the papers and to generate intelligent conversations with the users.

Smart Parking C++, Firebase, Hardware Implementation

November 2024

The Embedding-based Project for Smart Parking, system that have web-app for report the parking status and the parking slot, and see the real-time parking slot status and the parking slot

Shoppo Chrome Extension, Next.js, TypeScript, Golang

October 2024

Browser extension that aids purchasing decisions by recommending products and suggesting alternatives; currently supports Shopee, with plans to expand to Amazon for enhanced shopping assistance

Sticker Printer Client's project

August 2024

E-commerce platform for custom sticker ordering and printing, featuring a homepage, product pages, integrated payment gateway, and an admin dashboard for seamless order and inventory management.

Rub Puen Kao Mai 2024 Golang, Microservices

July 2024

freshmen orientation registration website for the Student of Chulalongkorn University, supporting up to 3,000 users per day with a robust distributed system for high scalability.

CUNEXT EVENT React Native, Expo

April 2024

This is a product in HackChula, Comprehensive platform designed to enhance the experience of event discovery, organization, and management within the university community

Carbon Credits Marketplace HTML, CSS, JavaScript, Python, FastAPI

April 2023

Bridging sustainability and consumerism, Carbon Credit Marketplace enables the trading of carbon credits through clothing purchases.

Trip Recommendation HTML, CSS, Javascript, Python, FastAPI

February 2023

Utilizing AI algorithms, Trip Recommendation suggests tailored travel itineraries for Bangkok visitors based on individual preferences and interests