

YATHIP TAKAHASHI

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WORK EXPERIENCE

Fullstack Developer, The Able by King Power

March 2025 – Present

- Modernized legacy Point-of-Sale (POS) systems using C# .NET, enhancing scalability and error tracking through automated monitoring, and streamlining workflows through Apache Airflow
- Developed and maintained POS device frontends with TypeScript, delivering an intuitive, responsive interface for in-store sales staff and providing virtual payments for clients
- Reviewed peer code, enforced best practices to improve maintainability, reliability, and test coverage

Fullstack Developer, Big C Supercenter (Head Office)

July 2023 – February 2025

- Contributed in High-Performance Computing team, developing backend services for price calculation and product stock tracking for Big C Plus, a million-user e-commerce app, using C++ and Rust
- Contributed to the migration process from C++ to Rust and Go, including initializing project structures, and investigating algorithms to enhance efficiency through low-level optimizations
- Defined system architecture and data flows, working with stakeholders to design SQL schemas, and align calculation logic with business requirements
- Developed a webpage for the internal staff application of the customer data platform using Next.JS

Software Engineer (Frontend), N-Squared eCommerce

April 2023 – June 2023

- Developed a marketplace management website enabling merchandise organization, order tracking and customer chat management using React.JS, Ant Design, and Figma for over a hundred of clients
- Participated in the planning and designing to improve user experience and resolving issues under agile project management practices

ACADEMIC BACKGROUND

Chulalongkorn University, Thailand

August 2018 – July 2022

Faculty of Engineering, Department of Electrical Engineering, B.E. (GPA: 3.56)

Relevant courses: Computer Programming, Embedded Systems, Data Communication, Image Processing

Internship 5G AI / IoT Innovation Center

June – July 2021

Developed an IoT devices control website using React and implemented machine learning models for a text-to-speech application for a customer's company, achieving a 93% correctness in Thai

ACTIVITIES

2nd Prize winner in The Next AI Hackathon

August 2024

Participated in a team to prototype a generative AI-powered customer service chat app aimed at reducing operational costs, boosting sales, and suggest relevant products personalized to customers

Website Development Portfolio and Platform for Tutors

January 2022 – April 2024

Spearheaded the development of a tutor-matching website for students using Next.js and Google Cloud, collaborated with colleagues to ideate communication and marketing and solve business challenges

SKILLS

- **Computer Skills:** JavaScript, TypeScript, React.JS, Next.JS, HTML/SCSS, Rust, Python, Node.JS, C++, C#, Go, SQL, MongoDB
- **Languages:** Thai (native), English (IELTS 7), Japanese (JLPT N2)