

# 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 as part of the Core Engineering team using C#.NET, enhancing system scalability, error tracking, 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*

**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, optimizing code performance, and investigating algorithms to enhance system speed and 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, design, and testing phases to delicately 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)

**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*

## CERTIFICATIONS

**2<sup>nd</sup> Prize winner in The Next AI Hackathon**

August 2024

*Participated in an out of 18 teams to prototype a generative AI-powered customer service chat app aimed at reducing operational costs, boosting sales, and suggest relevant products personalized to customers*

**Courses authorized through Coursera** – Foundations of User Experience Design, Python and Statistics for Financial Analysis, Deep Learning Specialization Certificate, Financial Markets

## 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)