

Thanawat Kittichaikarn

Frontend Developer (Mid-Level)

boss41680@gmail.com | +669 6946 6098 | Bangkok, Thailand
github.com/bossthanawat | [linkedin/in/thanawat-kittichaikarn-a66a6a195](https://www.linkedin.com/in/thanawat-kittichaikarn-a66a6a195)
bossathanawat.dev | [medium/@boss41680](https://medium.com/@boss41680)

About Me

Experienced front-end developer and software engineer with a focus on creating accessible web products. Proficient in React and dedicated to crafting visually appealing and user-friendly interfaces.

Educational

King Mongkut's Institute of Technology Ladkrabang
Bachelor's Degree in Computer Engineering (Major Information) 2013 – 2016
GPA: 3.06

Skill

Technical Skill

- Front-End Development: React, Next.js
- Programming Language: Javascript, Typescript, SQL
- Cloud Platforms:
 - AWS (such as Amplify, Cognito, S3 and Appsync)
 - GCP (such as OAuth, reCAPTCHA, Map)
- Tool & Libraries: GraphQL, Redux, LangChainJS, React Query, Jest, Puppeteer, Mui, Tailwind, Antd, Git, Figma, Docker, Storybook, prisma , PostgreSQL
- Back-End Framework: NestJs, Express.
- Proficient in using Figma for UI/UX design, with a strong understanding of design concepts such as component-based design and design systems.
- Basic use LangChain (JavaScript).

Work Skill

- Designed and analyzed front-end structures.
- Analyzed defects and software problems effectively.
- Demonstrated good communication and collaboration skills.
- Provide suggestion ideas for the product and solutions for the problem.
- Mentored and provided technical guidance to junior developers on the team.
- Kept up-to-date with emerging technologies and industry trends to propose enhancements

Language

- Thai: native
- English: Intermediate Low (I can read and understand basic English)

Work Experience

Company: **Easy Rice Digital Technology**

Position: **Front-End Developer**

Duration: Feb 2021 – Present

Overview (All Project)

- Primary focus on Front-End development across various projects.
- Collaborated with the team to design web service specifications based on business requirements for the backend.
- Collaborated closely with cross-functional teams (Product, DevOps, etc.) throughout the development lifecycle.
- Assigned tasks and conducted code reviews for the team members.
- Actively participated from the wireframing stage through UI/UX design with the design team.
- Implemented and maintained the application codebase.
- UI library & CSS Utility: Base on Mui and CSS in JS
- Multi-language support (i18n), e.g., English, Thai and Vietnamese
- Support responsive web.
- Integrated Google Analytics (GA) with custom event tracking for comprehensive user behavior analysis.

Project: **MO**

Web Application AI Solution for Rice Quality Inspection

- Stack: React, Apollo GraphQL, TypeScript, Redux, AWS lambda, Dynamodb
- Implemented user authentication and authorization features.
- Multi-factor authentication (MFA), and reCAPTCHA.
- The UI fields required frequent changes to meet customer needs, standards, forms, and customized settings per rice inspection type based on user preferences.

Project: **MP**

Web Application AI Solution for Rice Purity Inspection

- Stack: React, TypeScript, Redux, react-pdf, AWS lambda, Dynamodb
- Implemented user authentication and authorization features.

Project: **ERMS**

CRM for internal use

- Stack: React, TypeScript, NestJs, Dynamodb, PostgreSQL
- Social Auth: Gmail

Project: **KhaKhao**

Web Application for posting rice trading.

- Stack: React, TypeScript, LIFF, NestJs, PostgreSQL
- Social Auth: Line

- The primary target users were on mobile devices; ensured the application was optimized for a seamless user experience through responsive design and performance tuning for mobile platforms.

Project: [Easyrice](#)

Web landing page project for an organization

- Stack: Next.js 12, Framer motion, TypeScript
- Utilized Next.js with Pages Router for server-side rendering and optimized performance.
- Implementing server-side rendering (SSR) and static site generation (SSG) techniques for improved performance and SEO.

Project: **MI** (Monorepo)

Web All Future Service (Many services will be POC for customer)

- Stack: React, TypeScript, Nx, NestJs, PostgreSQL
- Utilized a monorepo architecture managed by Nx .
- Developed a central portal application for user authentication (login), profile management, and service selection to navigate to other web applications.
- Implemented multiple applications within the monorepo, including Varieties Inspection, Sensory Inspection, and Coffee Inspection.
- Building reusable UI components and shared libraries to maintain consistency across applications.

Project: [Exambrisk](#)

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Project: **Exambrisk Demo Pretrained AI**

Web Application to Showcase AI Demos and Use Cases

- Stack: Next.js 14, TypeScript, langchainJS
- Utilized Next.js with App Router.
- Developed a comprehensive platform to demonstrate various AI-powered applications and demos.
- The Healthcare feature leveraged LangchainJS, to provide intelligent disease diagnosis capabilities (output parser), built on Next.js API routes.

Company: **NTT Global**

Position: **Software Engineer**

Duration: Nov 2019 - Jan 2021

Project: **Tesco Product Planning**

Automated Production Planning for Bakery

- Stack: Vue2, Vuex, Antd, Java Spring Boot , MySQL,
- Collaborated with Business Analysts and client stakeholders to understand requirements and design the application using Figma.
- Developed the frontend web application using Vue.js framework, integrating with Vuex for state management and Ant Design for UI components.
- Contributed to backend development by implementing select APIs using Java Spring Boot.
- Wrote comprehensive unit tests to achieve 80% test coverage as per SonarQube specifications.
- Implemented CI/CD pipelines using GitLab for automated build, testing, and deployment processes.
- Collaborated with cross-functional teams to ensure seamless integration and end-to-end testing.

Project: **Employee Tracking Application** (Internal Use)

- Stack: Vue2, Java Spring Boot, Google Map
- Developed a web application using Vue.js for tracking employee work activities and attendance.
- Implemented a GPS-based check-in system to record employee locations and work hours.
- Implemented data visualization components to display attendance data and analytics.

Project: **RPA UiPath – Osotspa**

Robotic Process Automation for Osotspa

- Stack: UiPath, Elasticsearch, Kibana
- Developed RPA bots using the UiPath platform to automate various business processes for Osotspa.
- Designed and implemented a structured approach for UiPath usage, from development to deployment and handling production cases.
- Implemented error handling and exception management mechanisms to handle edge cases and failures.
- Deployed and monitored the RPA bots, addressing any production issues promptly.
- Configured log data ingestion from RPA bots into Elasticsearch for centralized logging and monitoring.
- Utilized Kibana for visualizing and analyzing log data from RPA bot executions.

Company: **Dimension Data**
Position: **Software Engineer**
Duration: Jun 2017 - Oct 2019

Project: **RPA AA - CIMB**

Robotic Process Automation for Banking Operations

- Stack: Automation Anywhere (AA)
- Collaborated with Business Analysts and client stakeholders to understand requirements and design RPA workflows.
- Developed RPA bots using Automation Anywhere platform to automate various banking processes such as loan application data entry.
- Designed and implemented a structured approach for AA usage, from development to deployment and handling production cases.
- Implemented error handling and exception management mechanisms to handle edge cases and failures.
- Coordinated with cross-functional teams for seamless integration and end-to-end testing.
- Deployed and monitored the RPA bots, addressing any production issues promptly.

Project: **IVR – Agoda** (Interactive Voice Response System)

- Stack: Java, Apache Tomcat
- Maintained and enhanced the existing Interactive Voice Response (IVR) system to align with Agoda's evolving business requirements.
- Developed IVR workflows and call handling logic using Java.
- Implemented multi-language support to cater to Agoda's global customer base.
- Deployed and monitored the IVR system on Apache Tomcat application servers.

Project: **FAX – BBL**

- Stack: Jasper, Java Spring Boot, SOAP
- Developed the PDF generation module for the fax system using JasperReports.
- Integrated with the backend system through SOAP web services built with Java Spring Boot.
- Implemented dynamic data binding and formatting rules to generate PDF documents based on incoming data.
- Wrote comprehensive unit and integration tests to ensure the correctness and reliability of the PDF generation module.

Certificate

- [Microsoft Certified: Azure Fundamentals](#)
- [Microsoft Certified: Azure AI Fundamentals](#)
- [Microsoft Certified: Azure Data Fundamentals](#)