



# Nattapol Singhad

## Software Engineer

### CONTACT

- 095-068-0262
- nattapol.dev@gmail.com
- <https://github.com/HaDiizz>
- Hatyai, Songkhla, Thailand 90110

### WORK EXPERIENCE

#### Software Engineer | 06/2024 - Present

Internet Thailand Public Company Limited (INET)

- Contributed to multiple government and healthcare platforms, covering identity, API, contract, and verification systems across large-scale projects.
- Implemented core features including admin dashboards, user and contract management, authentication, digital signatures, and automated testing across frontend and backend.

#### Software Engineer (Freelance) | 10/2025 - 12/2025

Tong A Travel Company Limited

- Designed and implemented backend APIs for a multi-role travel booking and referral platform, supporting admin, partner, driver, and tourist workflows including booking, referral, payout, and withdrawal.
- Built core systems for partner place management, accounting and tax processing, payment integrations, and deployed the platform with monitoring and background job processing.

#### Software Engineer Intern | 04/2023 - 06/2023

SKY ICT Public Company Limited (SKY ICT)

- Developed and improved the AOT CMS as a Full-Stack Developer with a focus on performance and microservices architecture, and conducted automated testing for the Plan B Media CMS to ensure system reliability.

### EDUCATION

#### Prince of Songkla University, Hatyai Campus | 2020-2024

Bachelor of Engineering in Computer Engineering

### SKILLS

#### Programming

- HTML, CSS, Javascript, Typescript, Python, Go, C

#### Framework/Library

- React/Next, Vue/Nuxt, Flask, Angular, Express/Hono, Fiber/GORM

#### Database

- MongoDB, MySQL, PostgreSQL

#### Other

- Docker, Gitlab CI/CD, Jest, Robot Framework, Playwright, Figma

# NATTAPOL SINGHAD

## Software Engineer

---

### PERSONAL INFORMATION

---

**Full name:** Nattapol Singhad  
**Email:** [nattapol.dev@gmail.com](mailto:nattapol.dev@gmail.com)  
**Telephone number:** [095-068-0262](tel:095-068-0262)  
**Address:** Hatyai Songkhla Thailand  
**Nationality:** Thai  
**Gender:** Male

### EDUCATION

---

**Prince of Songkla University Hatyai campus (2020 - 2024)**  
Bachelor of Engineering in Computer Engineering

### TECHNICAL PROFICIENCY

---

**Programming:** HTML, CSS, JavaScript, TypeScript, Python, Go, C  
**Framework/Library:** React/Next, Vue/Nuxt, Flask, Angular, Express/Hono, Fiber/GORM  
**Database:** MongoDB, MySQL, PostgreSQL  
**Cloud/Hosting:** DigitalOcean, AWS, Cloudflare, Render, Vercel  
**Other:** Docker, Gitlab CI/CD, Jest, Robot Framework, Playwright, Figma, Power BI

---

# NATTAPOL SINGHAD

## Software Engineer

---

### DETAILED PROJECT EXPERIENCE

---

#### SKY ICT Public Company Limited

##### Full Stack Web developer (Internship)

(Apr 2023 – Jun 2023)

- **Project: AOT CMS portal**
  - Develop Front-end using ReactJS, NextJS.
  - Develop Web Service (Microservice) using ExpressJS, GraphQL, gRPC, Protobuf.
- **Project: Sawasdee Translate**
  - Develop Front-end using ReactJS.
  - Conducted comprehensive unit testing using Jest for code functionality and enhanced code quality.
- **Project: PLANB CMS**
  - Automated testing processes using Robot Framework.

#### Prince of Songkla University

##### Student (Senior Project)

(Nov 2022 – Mar 2024)

- **Project: Network Monitoring System for Prince of Songkla University**
    - Develop Web service and Web application using Flask.
    - Designed and implemented a web application displaying PSU network equipment and their statuses on an interactive map.
    - Developed a dashboard to display SLA metrics on a quarterly basis, enhancing visibility into host and service performance.
    - Integrated with the Checkmk server via REST API for real-time monitoring and data retrieval.
    - Automated testing processes using the Robot Framework.
-

# NATTAPOL SINGHAD

## Software Engineer

---

### Internet Thailand Public Company Limited (INET)

#### Software Engineer

(Jun 2024 – Present)

- **Project: Provider ID**
    - Designed and implemented multiple web applications for medical personnel identification, patient health record (PHR) management and census information.
    - Developed key functionalities, including admin dashboards, admin management, digital signature integration using digital certificates and implemented the OAuth 2.0 system for the Provider ID.
  - **Project: Moph API Mx**
    - Designed and enhanced an API request management platform used for Health ID and Provider ID services.
    - Built administrative dashboards, error monitoring, document handling, and system configuration features across frontend and backend.
    - Improved system usability and branding, including UI refinements and platform assets.
  - **Project: DTAM ID**
    - Set up project architecture and frontend structure for a service provider registration platform.
    - Implemented onboarding and registration features for traditional massage service providers.
  - **Project: Driver Verify**
    - Developed a driver identity verification platform with registration and profile management workflows.
    - Implemented OTP-based authentication and improved password recovery and consent management features.
    - Enhanced overall user experience and security for the verification process.
-

# NATTAPOL SINGHAD

## Software Engineer

---

- **Project: E-Contract**
    - Developed a digital contract management system supporting both B2B and B2C workflows.
    - Implemented user profile management, contract tracking, and digital signature features.
    - Built interfaces for contract status monitoring and system usage information.
  - **Project: ID Connect**
    - Designed and developed an identity federation and service management platform for organizations and business entities.
    - Implemented OAuth 2.0 and OpenID Connect (OIDC) integration for external identity providers.
    - Developed service registration and management features, including client credentials, redirect URIs, callback URLs, and access configurations.
    - Integrated multiple identity providers (IdPs) such as ThaiID, SAML-based providers, Microsoft Azure AD, LINE, ONE ID, and MOPH DID.
    - Enhanced security and interoperability for enterprise authentication and single sign-on (SSO) services.
  - **Project: One Authorized**
    - Designed and developed a centralized identity verification and onboarding platform for services integrated with the ONE ID ecosystem.
    - Implemented authentication and identity verification workflows for connected applications and services.
    - Built user onboarding and account linking mechanisms for users without existing ONE ID accounts.
    - Integrated with User Management (UM) systems to provision and synchronize user information across organizational environments.
    - Developed registration, consent management, and identity verification processes to improve security and user experience.
    - Enabled seamless authentication and authorization flows between service providers and the ONE ID platform.
-

# NATTAPOL SINGHAD

## Software Engineer

---

### Grand Player Studio Company Limited

#### Frontend Developer (Freelance)

(Nov 2024 – Dec 2024)

- **Project: Satit YRU School Management System**
  - Implemented modules for classroom, student, course, and learning material management.
  - Developed administrative dashboards providing visibility into school data and operational activities.
  - Built responsive and reusable frontend components from Figma designs using Next.js, Tailwind CSS, and ShadCN UI.
  - Integrated frontend services with backend APIs and implemented authentication and authorization mechanisms using NextAuth.
  - Developed type-safe form validation with React Hook Form and Zod to improve data integrity and user experience.
  - Implemented server-side pagination, filtering, and data tables using TanStack Table for large-scale data management.

### Tong A Travel Company Limited

#### Software Engineer (Freelance)

(Oct 2025 – Dec 2025)

- **Project: Tong A Travel – Online Travel Booking & Referral Platform**
    - Designed and implemented backend APIs for a travel booking and referral platform supporting four roles: admin, partner, driver, and tourist.
    - Built core systems including booking management, partner place management, referral tracking, payouts, and driver withdrawals.
    - Implemented accounting features such as revenue summaries, withholding tax calculations, and automated receipt generation.
    - Integrated multiple payment methods including Stripe, PromptPay, Google Pay, Apple Pay, and credit/debit cards.
    - Deployed the system on DigitalOcean App Platform with monitoring via Sentry, background jobs using Cloudflare Workers, and domain management through Cloudflare.
-