

Paing Thu Ta *Full-Stack Developer*

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SUMMARY

- Final-year Computer Science student focused on backend-first full-stack development.
- Strong in real-time systems and role-based platforms using Node.js/Express, Redis, PostgreSQL, Docker, and AWS, with frontend experience in React and mobile development in Swift.
- Seeking backend/full-stack internship or junior roles starting March–April 2026 (graduating March 2026).

EDUCATION

11/2022 – 03/2026 **Assumption University of Thailand**
Bachelor of Science (BSc) - Computer Science

- Concentration: Software Engineering and Development

RELEVANT COURSEWORK

Database Systems, Operating Systems, Computer Networks, Data Structures & Algorithms, Software Engineering, Cloud Computing, Web Application Development, iOS/Android Application Development

EXPERIENCE

09/2025 – 11/2025 **Min Intelligence**
Remote *Backend Developer Intern*
Tech Stack: Next.js, Prisma, PostgreSQL, NextAuth

- **Architected** an internal scheduling portal using **Next.js, Prisma, and PostgreSQL**, supporting 25 active users.
- **Eliminated** scheduling conflicts by engineering an automated availability algorithm, and enforced secure, **role-based access control (RBAC)** via **NextAuth**.

SKILLS

Languages – JavaScript, TypeScript, Python, Swift, Kotlin

Frontend – React, Vue.js, Next.js, Redux, HTML/CSS, Tailwind CSS, SPA

Backend – Node.js, Express, REST APIs, Authentication (JWT, NextAuth), Redis, Flask, FastAPI

Databases/ORM – PostgreSQL, MySQL, MongoDB, Firebase, Prisma

Cloud/DevOps/Tools – AWS, Docker, Git, GitHub Actions (CI/CD), Jenkins, Unit Testing

CERTIFICATES

AWS Academy Graduate - Cloud Operations [↗](#)

Introduction to Containers with Docker, Kubernetes, and OpenShift (IBM) [↗](#)

AWARDS

27/10/2025

Outstanding Senior Project Award

Assumption University

For unique innovation and valuable contributions to the university community.

PROJECTS

01/2026 – Present

Huntopia [↗](#)

Gamified campus exploration app with QR achievements

Tech Stack: Kotlin, Android SDK, AndroidX (Fragments, RecyclerView), Material Components, Firebase (Auth, Firestore)

- **Developed** a gamified Android exploration app using **Kotlin**, implementing **QR-based achievements** and **real-time progress tracking**.
- **Optimized UI rendering** and reduced memory overhead by implementing **single-activity multi-fragment navigation** and custom **RecyclerViews**.
- Persisted **user accounts** and **user-scoped unlock/progress data** for **~5–15 testers** using **Firebase Auth + Firestore**.

12/2025 – Present

Fit-Lab [↗](#)

Role-based fitness course platform (Member/Trainer/Admin portals)

Tech Stack: React + Vite, Tailwind CSS, React Router, Zustand; Node.js + Express, PostgreSQL, JWT auth, ESLint.

- **Engineered** a **full-stack** fitness platform with distinct **role-based portals**, streamlining course enrollment and trainer onboarding workflows.
- Designed a **scalable PostgreSQL schema** with automated migrations, and developed **secure REST APIs** with **JWT** to enforce strict **role-based authorization**.

07/2025 – 10/2025

AU Journey, Senior Project 2 [↗](#)

iOS app with Three.js for real-time tram tracking

Tech Stack: Swift (UIKit), Node.js/Express, Redis, Three.js, Raspberry Pi, Neo-6M

- **Deployed** a real-time tram tracking **iOS app** achieving **~2s live updates**, resulting in **72 App Store downloads** during launch.
- **Increased tracking stability** by caching **GPS telemetry** in **Redis** and broadcasting via **pub/sub**, implementing path prediction to mitigate signal dropouts.
- **Architected** an end-to-end backend data pipeline integrating **Raspberry Pi**, **Node.js/Express APIs**, and an iOS client for live location ingestion.

07/2025 – 08/2025

Spending Journal [↗](#)

Web app for expense tracking and analytics

Tech Stack: React, React Router, Chart.js, date-fns, Local Storage

- Built an expense tracking web app with **offline-friendly Local Storage persistence**, used by **4 users** (me + 3 teammates).

- Implemented **CRUD spending records** (date/category/amount) with reliable client-side storage and smooth navigation via **React Router**.
- Built an **analytics dashboard** with summaries, filters, and **Chart.js** visualizations to surface category spending patterns.