

# Ponlakrit Parnsa-nguard

Software Engineer

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## Work Experience

**SmartSoftAsia Co., Ltd**

**Web Developer | May 2024 - Present**

- Maintain and develop ERP applications for factory resource management and data visualization using Next.js 14, Prisma, and PostgreSQL.
- Maintain and develop a frontend AI chat application for querying domain-specific knowledge using Next.js 15, with integration to a backend Chat API.
- Developed a pricing evaluation page for HarmonyX using React and React Query, integrating backend APIs for data retrieval and submission.
- Built an ERP system for managing wine inventory via barcode scanning and handling XLSX import/export using Next.js 15, Drizzle ORM, and PostgreSQL.
- Developed internal tools for preprocessing PDF files for AI projects using Python 3 and pytesseract OCR.

**Part Time Web Developer | October 2023 - March 2024**

- Developed an OCR-based invoice recognition system that integrates with accounting software (e.g., Xero) using Next.js 13, Google Cloud Storage, Prisma, and PostgreSQL.

**Intern Web Developer | April 2023 - October 2023**

- Built an ERP system for electricity billing at events, streamlining event setup using Next.js 13, Prisma, and PostgreSQL.
- Maintained an ERP system for used car trading using Next.js 12.
- Maintained and enhanced an ERP platform for internal social media management using Next.js 13.
- Maintained a CRM system for travel booking and itinerary design using Vue 2 and Express.js.

## Projects

**Checkpoint | Mobile Developer | Aug 2021 – March 2023**

- Developed a mobile application using Flutter for a streaming platform providing customizable relaxing music, realistic ambient sounds, and peaceful visual art.
- Aimed to reduce stress and anxiety in isolated environments through an immersive audio-visual experience.

**Fast Graduation | Frontend Developer | Jun 2022 – October 2022**

- Built the frontend of a course recommendation web application using Next.js 12, aimed at helping super senior students graduate more efficiently.
- Final project for Software Engineering (204361) and Database Systems (204321) at Chiang Mai University.

**Jurudata Services | Freelance Developer (Frontend) | Jun 2022 – Jul 2022**

- Developed a frontend hotel room service web application using React and TailwindCSS.
- Implemented features including account system, i18n localization, and food/room ordering with time scheduling, stock management, and real-time order status.

**Rock Paper Scissor Online | UX & UI Designer | Aug 2021 – Oct 2021**

- Designed the UX/UI for a mobile app that lets users play rock-paper-scissors online with friends.
- Developed with Java for Android as a final project for Object-Oriented Programming (204211), Chiang Mai University.

**Chat program via the socket using python | Jan 2021 – Jan 2021**

- Developed a local chat program using Python socket programming and threading knowledge.
- Built as part of coursework for Principles of Computing (204113), Chiang Mai University.

## Skills

TypeScript, JavaScript, HTML, CSS, Dart, Flutter, Python, Next.js, TailwindCSS, React.js, Vue, Prisma, Drizzle ORM, PostgreSQL, Linux, CLI, Docker

## Education

**Chiang Mai University, Chiang Mai Thailand | July 2020 – April 2024**

- Bachelor of Science in Computer Science
- GPA: 3.60

**Yupparaj Wittayalai School, Chaing Mai Thailand | March 2017 – March 2020**

- Science Math Technology and Environment (SMTE) program
- GPA: 3.61