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, PostgreSQL, Linux, CLI

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