

Son Pham

Senior Full Stack Engineer & Applied AI Developer

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PROFILE

Full stack engineer with 10+ years of web and mobile development for international clients. Combines hands on implementation with project management and technical delivery. Turns ideas into applied AI workflows, including generative content, travel and voice integrations, with practical validation and human review.

CORE SKILLS

Web and backend. TypeScript, JavaScript, React, Next.js, Node.js, Express, PHP, Laravel, REST APIs, MySQL, PostgreSQL

AI and cloud. Gemini, Vertex AI, conversational context, tool and provider integration, AWS, Amazon Connect, Lex, Lambda, Firebase

Data processing. Python, pandas, Amazon S3, compressed CSV inventories, pagination and concurrent batch processing

Mobile. React Native, Kotlin, Jetpack Compose; recent Swift and UIKit maintenance

AI safety and reliability. input and output validation, evidence checks, user confirmation, untrusted context handling and provider refusal handling

Engineering delivery. Git, Docker, Selenium WebDriver, Zalenium, debugging, regression testing, release preparation and technical handover

PROFESSIONAL EXPERIENCE

Kantek Inc

Project Manager · Jun 2020 to Present

- Coordinate delivery of web and mobile client projects, from requirements and implementation planning through development, testing and handover.
- Remain involved in application code, API integrations, troubleshooting and technical decisions while coordinating developers and communicating progress to clients.

ALLMYNE

Project Manager and Full Stack Developer · 2022 to Present

Contract engagement for a travel and social platform.

- Progressed from full stack development into project management, with a recent focus on applied AI and coordination across mobile, backend and dashboard work.
- Integrated Gemini and Vertex AI for conversational context, memory and travel routing; worked on structured provider responses, image generation, journal content and contextual reply suggestions.
- Worked on AI booking safeguards, including user confirmation, passenger validation, offer expiry checks and request limits.
- Contributed to React Native and native Android features, backend APIs, authentication, messaging, subscriptions and release preparation, with recent iOS stabilization work alongside platform contributors.

ADDITIONAL EXPERIENCE

DUXLINK / Lead Developer · Jun 2023 to Dec 2024

- Built React Native onboarding, authentication, medication and reminder workflows using Firebase, including medication forms, intake progress and calendar interactions.
- Worked on Alexa account linking, PIN verification, reminders, vitals collection and patient surveys, connecting voice interactions with application data.

We Ko Pa / Full Stack Developer · Jun 2020 to Dec 2022

- Worked on React Native player applications and supporting APIs, including account access, profile details, promotions and game related interfaces.

Kantek Inc / Team Lead Manager · Nov 2016 to Jul 2019

- Led application development and coordinated delivery across PHP, CMS and mobile projects using Ionic and Angular.

FPT USA / Senior PHP Developer · Aug 2016 to Dec 2016

- Developed backend features with CakePHP and Go and contributed to database and implementation planning.

COI Risk Manager / PHP Developer · Jun 2014 to Apr 2016

- Developed and maintained PHP and MySQL web applications and database backed business features.

BaByIT Team / Team Manager · Sep 2013 to Sep 2017

- Coordinated freelance development for clients in the US and Australia, covering requirements, implementation, client updates and delivery across PHP, Java and Node.js projects.

SELECTED TECHNICAL PROJECTS

Browser test automation / Laravel, Selenium, Zalenium, Docker

- Built a Laravel application to manage browser test cases and steps, execute Selenium scripts and display results. Work included authentication, search, product display and configurable browser test scenarios.

Fast AI Booking / React, TypeScript, Node.js, PostgreSQL, AWS

- Built booking and administration workflows with salon and staff roles, payment integration and voice booking components using Amazon Connect, Lex and Lambda.

Large inventory data processing / Python, pandas, Pillow, Amazon S3

- Developed S3 image conversion and inventory workflows using compressed CSV files, pagination, concurrent workers and processed file tracking; reconciled source images with WebP outputs.

AI product workflows / Next.js, TypeScript, PostgreSQL

- Implemented structured AI outputs with source reference validation and provisional review status. Added regression checks for fabricated evidence, invalid outputs and attempts to bypass human review.

EDUCATION

HCMC University of Technology and Education | SPKT

Master's degree in Computer Science | 2017 to 2019

Bachelor's degree in Information Technology | 2012 to 2016

PORTFOLIO

Public repositories and engineering case studies: github.com/sown1606. Additional professional source references are maintained privately with client code and data access controlled.