

Phong Nguyen | Senior Software Engineer

With 19 years of experience, I'm passionate about software architecture and writing maintainable code. Over the past five years, I've mostly worked with JavaScript frameworks, but I can quickly pick up any other technology stack.

Experience

Senior Software Engineer. Self-employed. Jun 2018 - Present

- Created a progressive web app (PWA) for personal productivity, using React, OnsenUI on frontend, Express on backend, and Firestore database.
- Created a website that provided programming courses in Vietnamese. Used Next.js, Ant Design on frontend, Express and Firestore on backend.
- Created programming courses: JavaScript, React, Redux, Express...

Delivery Manager / Architect at FPT Software Malaysia. Dec 2015 - May 2018

- Played a key role in establishing FPT as a preferred outsource vendor for Malaysia's largest mail and parcel delivery company. Completed three projects of good quality and within budget.
- Designed a payment switch and the integration parts of a large bill payment system for the client.

Senior Developer at Potentiate Sdn Bhd (Malaysia). Aug 2014 - Sep 2015

Potentiate was an Australian market research company where I maintained a Java desktop survey designer, troubleshooted online surveys, and developed web apps for visualizing survey results.

Senior Developer at FPT Software Malaysia. Feb 2010 - May 2014

FPT is a global leader in software outsourcing with many clients in Malaysia.

- Designed and implemented ETL solutions for Malaysia's largest oil and gas company, including a data mart for retail customer loyalty with around 4 million cards and 250,000 daily transactions.
- Designed and implemented an ETL solution for a large commercial bank to generate reports on loan management for the Central Bank of Malaysia.

Programming Teacher at Aptech Vietnam. Sep 2008 - Jan 2010

Taught object-oriented programming, Java, SQL Server, XML...

Team Lead at FPT Software (Vietnam). Jun 2006 - Jul 2008

Led three different teams of six to ten members on a large project that migrated over 1,000 applications from Lotus Notes to Microsoft SharePoint for a multinational oil and gas company.

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Skills

System Design

Clean architecture, design principles & patterns, domain-driven design, microservices

Languages & Runtimes

JavaScript, TypeScript, Node.js, Cloudflare Workers

Frameworks & Libraries

React, Next.js, Remix, Express, Apollo Server

Databases

MySQL, MongoDB, Redis

Others

WebSocket, RabbitMQ, Jest, React Testing Library, Cypress, Docker

Education

Bachelor of Engineering (Information Technology)

Posts & Telecommunications Institute of Technology
Hanoi (Vietnam), 1999-2003

Master of Science (Business Intelligence & Analytics)

Universiti Teknologi Malaysia
Kuala Lumpur, 2020-2021