



Nguyễn Trọng Thanh

Fullstack Software Engineer

Fullstack Software Engineer with 8+ years of experience designing and building scalable, high-performance web applications across enterprise and product environments. Strong background in backend architecture, distributed systems, and real-time data processing. Recently focused on applying AI technologies (LLMs, prompt engineering, and developer automation tools) to enhance software development workflows, improve system design efficiency, and accelerate delivery. Passionate about clean architecture, performance optimization, and building maintainable, production-grade systems.

Profile

- 0372096330
- thanhnguyen.fullstack1@gmail.com
- <https://www.linkedin.com/in/thanh-nguyen-79b540191/>
- <https://thanhntr.io.vn>
- 1646A Võ Văn Kiệt, P. Bình Phú, TP HCM

Education

HCM University Of Industry And Trade

| 2014 - 2018

Information Technology

Focus on software engineering, database systems, and web development. Completed academic projects in full-stack development and system analysis.

Skills

Backend: PHP (Laravel, Yii, Ruby),

Work experience

VNPT IT | Nov 2024 - Present

Software Engineer

Participate in the design, development, and maintenance of web applications for the VNPT GREEN – Digital Agriculture project. Implement BE features to ensure system performance and scalability. Collaborate with cross-functional teams to deliver high-quality solutions. Optimize codebase, fix bugs, and ensure system stability in production

Project: VNPT GREEN - Nông nghiệp số

- Developed and maintained core features of the digital agriculture management platform.
- Integrated APIs for real-time data collection and analysis from IoT devices/sensors.
- Contributed to UI/UX improvements to enhance user experience for farmers and administrators
- Team size: 24

PosApp | Oct 2020 - Oct 2024

Software Engineer

A provider of handheld cash registers, cash registers that help customers print invoices on the spot, combined with remote management on the phone for busy or absent owners at the store. The management solution allows store owners to manage all business operations, monitor employees, view more than 30 statistical reports, analyze revenue, costs, profits and losses, and inventory.

Project: PosApp

A multi-platform sales solution. Helps sell quickly, supports simple remote management. Suitable for use on phones, desktops, and POS

NodeJS (NestJS), Golang, Java (Spring Boot)

Frontend: Angular, HTML, CSS, ExpressJS, VueJS, NuxtJS, ReactJS

Database: MySQL, MongoDB, TiDB, PostgreSQL

DevOps: Jenkins, Jmeter, ElasticSearch, Redis, Docker, RabbitMQ, Kafka

AI & Productivity: Prompt Engineering, AI-assisted development (ChatGPT, code assistants), Workflow automation using AI tools

machines. Improves and integrates multiple sales, payment, and system management channels.

- Online payment, sales handling.
- Internal system management.
- Fix bugs and maintain and restructure system processing flow
- Business reporting and reconciliation
- Improve and analyze to provide long-term direction for the system.
- Skill Set Utilized: Laravel, MySQL, Angular, Redis
- Teams size: 12 members

PAXCREATION | Sep 2019 - Sep 2020

Software Engineer

Software development and support for the Japanese company in Vietnam in Asia and Japan.

Project: Mems

Manage examination and report for users.

- Authorization for each user and enforce the requirements for the test
- Skill Set Utilized: Laravel, Mysql, NuxtJs
- Teams size: 7 members

Project: Shift Gate

Website for buying, selling and managing vehicles.

- Customers will be able to register to buy and sell cars through our website. Admin will approve that and execute the purchase request.
- Identified and resolved malfunctions pertaining to system access collaborating with agents and the engineering/product development teams. Import data and manage the system from the third party.
- Skill Set Utilized: Laravel, Mysql, NuxtJs
- Teams size: 7 members

Success Software Services | Aug 2018 - Aug 2019

Software Engineer

Success Software Services offer solutions for every stage in a product lifecycle, with services from architecture to DevOps and everything in between

Project: Shield Saver

A branded technology platform that allows sales representatives in the field to capture vehicle data via license plate/VIN, obtain a real-time cost plus price from Mygrant, allow for automatic or manual pricing mark- up, and then print the quote on the Zebra RW 420 series mobile printer. This information is stored in a database in phase 1 and also in a crypto ledger in phase 2.

- Sale product on the mobile app and manage this data on the server. Then, export report results for customers.
- Identified and resolved malfunctions pertaining to system access collaborating with agents and the engineering/product development teams. Import data and manage the system from the third party.
- Skill Set Utilized: Laravel, MySQL, Jenkins, Jmeter, Linux
- Teams size: 9 members