

## Triet Nguyen

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### EDUCATION

University of Science, VNU-HCM **BSc in Computer Science (APCS)** | GPA (latest): 3.7/4.0 *September 2021 – present*

### SUMMARY

Final year Computer Science major with an interest in software engineering career. Available to work full-time in full-stack or backend software development roles. Willing to learn and work with new tools if needed.

### WORK EXPERIENCE

**Intern** | *NashTech* *March 2025 – present*

- Receiving training in full-stack development with Spring Boot and ReactJS. Learning how to design database with PostgreSQL. Learning how to work in a team under the Agile process.

**Software Engineer Intern** | *ITC Group* *June 2024 – Sep 2024*

- Received training in full-stack development with Spring Boot and Angular.
- Worked on a distributed web application in the insurance domain that used Spring Boot for backend micro-service development and Angular Federation for frontend development.
- Maintaining the current system, adding new features, writing unit tests and database migrations. Participated in technical discussions to resolve issues.

### TECHNICAL SKILLS

#### Programming languages

- Java: Decent understanding of Java and its ecosystem.
- TypeScript: Developed web applications in university projects using Node.js frameworks (ReactJS, NestJS...).

#### Frameworks

- Angular: Built frontend for web applications in the framework. Has experienced working on a micro-frontend architecture.
- Spring Boot: Participated in real project that use Spring Boot as the main framework.

#### Databases

- SQL: PostgreSQL, sqlite
- NoSQL: MongoDB, Firebase
- Database migration frameworks: Mongock (for MongoDB)

#### Development tools

 : Git, Docker, CircleCI, Postman

**Linux** : Some familiarities with Linux distributions. Has written some automation bash scripts for development work.

### LANGUAGE SKILLS

**English** : IELTS 7.5

### UNIVERSITY PROJECTS

**Simpill** | *NestJS, ReactJS, MongoDB* *May 2024*

- Team size: 4
- Key features: A proof-of-concept for a healthcare application where users can find information about various supplements related to their symptoms. Grab Bootcamp 2024 training project.
- Responsibilities: Connecting backend application to data models through UNIX pipes. Implementing query buffering and caching to handle large amounts of traffic.

**Information Retrieval Project** | *Retrieval Augmented Generation, FastAPI, ReactJS* *November 2024 - December 2024*

- Team size: 5
- Key features: An information retrieval system designed to keep the user up-to-date with the latest news article by combining LLM summarization with vector-based filesystem. It has support for live searches, indexing and manually adding user-defined document entries.
- Responsibilities: Multi-threading optimization and designing asynchronous data flows. Handling server-client bi-directional communications using WebSocket. Implementing user-friendly frontend components.
- <https://github.com/qphulong/ir-project>

**Marketing Academy Demo Project** | *Jamstack, StaticCMS, Cloudflare Pages, ReactJS, Astro* *April 2024 - June 2024*

- Freelance solo project
- Key features: SEO-optimized, responsive *paid* demo website for the brainstorming phase of a marketing startup. The project made use of deploying on a serverless platform (Cloudflare Pages), with git-based CMS-integration for managing content and TypeScript API edge functions for server-side tasks.
- A live replication can be found at <https://shark-academy.pages.dev>

**otmanga** | *next.js, ReactJS* *April 2025 – present*

- Personal project, work-in-progress
- Key (planned) features: Raw Japanese comic web translator that applies OCR techniques and LLM API calls for translation.

### OPEN-SOURCE CONTRIBUTIONS

- Has pull requested accepted on two RimWorld game modding projects: Combat Extended (#3484) and Cupro's Stones (#7)
- Reported bug in issue #205 on SveltiaCMS.

### CERTIFICATIONS

**AWS Academy Graduate - AWS Academy Cloud Foundations**

*April 2024*