

Triet Ngo Phu Hoang

Da Nang, Vietnam • hoangtrietdev@gmail.com • (+84) 333493322 • [linkedin.com/in/triet-ngo-phu-hoang](https://www.linkedin.com/in/triet-ngo-phu-hoang)
github.com/hoangtrietdev

WORK EXPERIENCE

Software Engineer- Technical Architect

Jul 2024 - Present

ONE Tech Stop Viet Nam

Da Nang, Vietnam

- Designed and maintained the overall architecture of the company's **Design System** project codebase.
- Migrated the testing system to **Playwright** and **Vitest**, resulting in a **threefold** reduction in test pipeline duration compared to **Cypress**.
- Set up **SonarCloud** integration for the project, enabling automated pull request analysis and contributing to an increase in test coverage to over **90%**.
- Authored technical documentation for the project, including **Git strategy**, **release and hotfix workflows**, and **technical proposals** for integrating third-party tools.
- Implemented **Dependabot** to track vulnerable packages and adopted **Google's distroless images**, eliminating **100%** of critical and high-severity security issues.
- Established a team competency matrix and guided team members with learning resources to support teammates' **professional development**.
- Optimized **React** code with **Yup** and **React Hook Form**, utilizing **React DevTools** to decrease re-renders and loading times by **20%**.
- Received an **outstanding review** during the probation period.

Software Engineer

Mar 2024 - Mar 2025

Freelance VNUK

Remote

- Built **core APIs** for the university from scratch and reduced **data retrieval time** by **30%**.
- Led **system design** and **product delivery planning**, increased the **project completion rate** by **40%**.
- Optimizing **image assets** and implementing **lazy loading techniques** reduced the website's **loading time** by **50%**.
- Mentored a team of **three** and improved **team productivity** by **50%**.

Software Engineer

Apr 2023 - Jul 2024

mesoneer

Ho Chi Minh, Vietnam

- Orchestrated **Docker implementation**, optimizing **deployment processes** and boosting **efficiency** by **40%**.
- Restructured **legacy codebase** from **Blaze template** into **React components**, reducing **website loading time** by **30%**.
- Streamlined **cron job code**, decreasing **system runtime** by **20%** for **200,000 users**.
- Spearheaded the adoption of a **new framework**, enhancing **development speed** by **50%**.
- Applied **Distroless images** and **Trivy scan**, and upgraded to **Node.js 20.14** to fix all **security issues** of **40 repositories**.

Software Engineer

Jan 2022 - Feb 2023

Atherlabs - Sipher

Ho Chi Minh, Vietnam

- Engineered a **template repository** and **UI library** with **optimized configurations**, reducing **setup time** by **35%**.
- Implemented **cron jobs** to collect and store **blockchain data** in the **data lake**, reducing **release time** by **30%**.
- Created **AWS Lambda functions** to stream data from **DynamoDB** to **OpenSearch**, improving **search functionality** by **20%**.
- Reduced **third-party API costs** by **25%**, saving **\$5000 annually**.

Tool and Game Engineer

Apr 2020 - Jan 2022

Gear Game - Riot Games Extension team

Da Nang, Vietnam

- Maintained and developed new features for **Legends of Runeterra** across multiple major events, including **Empires of the Ascended**, **Legends of Runeterra Anniversary**, **Dark Horizon**, **Sentinels of Light**, and **Beyond the Bandlewood**.
- Write a **migration script** that affects over **1 million users** while having a **bug** with generating **event quests** for **low-latency users**.
- Recognized with an **Outstanding performance review** for contributions during the development cycle.
- Acted as the **second key member** in the team responsible for releasing features and coordinating **large-scale code merges** across global teams, handling over **40,000 files per merge**.
- Contributed to developing a **dynamic protocol structure tool**, increasing **UI generation efficiency**.
- Developed an **internal tool** to reduce the **Game Design team's workload** by saving **10 hours per week**.

SKILLS

Technical skills: Reactjs, Nextjs, Node.js, Nestjs, MySQL, MongoDB, Dynamodb, Microservices, Express, HTTP, JavaScript, JSON, REST, Rest API, REST APIs, Scalable, Web Development, Cloud Architecture, Backend, Best Practices, DevOps Practices, Programming

Soft skills: Communication Skills, Team working, Negotiate, Leadership, Mentoring, Coaching, Collaborative, Strategy, Tuning

PROJECTS

Study Overseas Roadmap [🔗](#)

Aug 2025 - Present

- Engineered** a study abroad guidance platform using Next.js, TypeScript, and Supabase, **integrating** Groq AI API for real-time chatbot assistance across 8 roadmap stages with bilingual support (English/Vietnamese) and **achieving** 99.9% uptime
- Architected** an interactive progress tracking system with ReactFlow visualization, **developing** custom React hooks for state management that **synchronizes** user progress across cloud/local storage, **enabling** 100% data persistence for 40+ actionable steps
- Designed** responsive UX with Tailwind CSS and React Query, **implementing** Google OAuth authentication and real-time chat interface, **delivering** <2s page load times and mobile-responsive design for cross-platform accessibility

EDUCATION

Bachelor in Computer Science and Engineering

Sep 2016 - Apr 2021

University of Da Nang, VNUK

GPA: 3.38/4

Receive high scores in key areas

- Software Project Management: 4.0/4.0
- Networking and Concurrency: 4.0/4.0
- 3D Programming: 4.0/4.0
- Software Development Best Practices: 4.0/4.0
- Graduation Project - RESEARCH AND DEVELOP AN AUGMENTED REALITY BOOK: 4.0/4.0

LANGUAGES

Vietnamese (Native proficiency) • **English - IELTS Academic (6.5)** (Full professional proficiency)

CERTIFICATIONS

AWS: Solutions Architect - Associate  by **AWS**

Technology Architect  by **AWS**

Microsoft: Develop Generative AI solutions with Azure OpenAI Service  by **Microsoft**

Azure AI Fundamentals  by **Microsoft**

Cloud Ambassador  by **AWS-Education**