

# Vo Tuan Thanh

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## Education

VNUHCM - University of Science

Sept 2022 – Sept 2026

BS in Software Engineering

- **GPA: 3.72/4.0**
- **Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Computer Networking, Web Application Development, Operating Systems, Database, Big Data, DevOps,...

## Experience

**Contractor Fullstack Developer**

Jul 2025 – Present

*Angi Inc.*

*Ho Chi Minh City*

- Designed and implemented new features for the ASP.NET and ReactJS-based Field Management System (FMS).
- Improved system reliability through incident response workflows and preventive measures.
- Collaborated with cross-functional US teams in Agile/Scrum to deliver high-quality releases.
- Partnered with infrastructure engineers to streamline CI/CD pipelines and cloud deployments.
- **Technologies:** C#, .NET, ReactJS, SQL Server, AWS, Jenkins, Octopus, RabbitMQ, Git.

**Backend Developer**

Nov 2024 – Jul 2025

*AIT LABS*

*Ho Chi Minh City*

- Built RESTful APIs for blockchain applications focused on performance and maintainability.
- Deployed and scaled services on Kubernetes (GCP) to reduce downtime and improve reliability.
- Improved code quality by expanding unit test coverage and resolving production issues.
- Integrated Smart Contracts to enhance blockchain features and security.
- **Technologies:** Python, FastAPI, TypeScript, Express.js, PostgreSQL, Celery, RabbitMQ, GCP, Docker, Node.js.

## Projects

**Fystack MPC Wallet** [🔗](#)

[🌐 Fystack](#) [🔗](#)

*Backend Developer*

May 2025 – Now

- Built secure, multi-chain MPC (Multi-Party Computation) wallet infrastructure supporting cross-network operations.
- Designed and implemented blockchain indexers and backend services to support high-throughput and low-latency workloads.
- Enhanced reliability, scalability, and fault tolerance across distributed wallet and indexing services.
- Implemented high availability (HA) with Consul leader election to improve system uptime.
- **Technologies:** Golang, Gin, PostgreSQL, Redis, NATS, Docker, Consul.

## Technical Skills

- **Programming Languages:** JavaScript, TypeScript, Golang, Python, SQL, C#
- **Frameworks & Libraries:** Express.js, NestJS, Gin, FastAPI
- **Databases:** PostgreSQL, MySQL, Microsoft SQL Server, MongoDB, Redis
- **DevOps & Tools:** Git, GitHub, Docker, Kubernetes, GitHub Actions, Google Cloud Platform, Nginx, Cloudflare, RabbitMQ, Kafka, Datadog

## Language Proficiency

- **ETS TOEIC Reading & Listening: 870/990** June 2025
- **ETS TOEIC Speaking & Writing: 300/400** June 2025