

Le Hoang Truong

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Backend Software Engineer with experience building scalable backend services and cloud-based systems. Proficient in Java (Spring Boot), Python (Django), and distributed architectures, with hands-on experience in microservices, event-driven systems, and DevOps practices. Currently working at MoMo developing backend services for merchant platforms with a focus on scalability, reliability, and observability.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, SQL, C/C++, C#

Backend: Spring Boot, Django, Node.js, REST API, Microservices

Databases: PostgreSQL, Redis, Oracle

Messaging & Distributed Systems: Kafka, Event-driven architecture, Asynchronous processing

DevOps & Cloud: Docker, Kubernetes, Helm, Ansible, ArgoCD

Monitoring: Prometheus, Grafana, Fluentd, Elasticsearch

Tools: Git, GitHub, Jira, Postman

EXPERIENCE

Software Engineer II | MoMo Service

August 2025 – Now

- Built and optimized backend services for merchant/internal platforms, focusing on scalability, reliability, and clean architecture.
- Designed event-driven flows and asynchronous processing to improve throughput and reduce operational overhead.
- Improved observability (logging/metrics/tracing) and streamlined release quality through tighter collaboration with QA/Product.

Talent Internship Program in Software Engineering | Viettel Digital Talent

Mar 2025 – June 2025

- Overcame 6,000+ candidates to become a trainee in Viettel Digital Talent Program 2025.
- Studied Software Development fundamentals, including Software Design, Architectural Patterns, API Development, Database Design, and Unit Testing.
- Explored key concepts in Modern Software Development, such as Clean Code, SOLID Principles, Domain-Driven Design, and Microservice Architecture.
- Gained hands-on experience with popular technologies and frameworks like Spring Boot, Vue.js, and Node.js.
- Completed an end-to-end project, designing and developing a scalable software application from scratch.

Academic Internships

Sep 2024 – May 2025

- Completed multiple curriculum-based internships (Introductory, Technological, and Pre-Diploma), gaining hands-on experience in production workflows and project-based development.

Cloud Engineer | Viettel Solution

July 2024 – Nov 2024

- Participated in the development of a black-box security scanner solution for Viettel Cloud, enabling the monitoring and assessment of security vulnerabilities on public IP assets of Viettel Cloud and its customers.
- Built an automated alert system via Telegram to notify and handle security vulnerabilities promptly.
- Researched and integrated threat intelligence sources to enhance the detection and risk assessment capabilities.

Talent Internship program in the Cloud | Viettel Digital Talent

Mar 2024 – July 2024

- Overcame 3000+ candidates to become a trainee in the Viettel Digital Talent Program 2024.
- Studied Cloud Ecosystems and their applications, and researched core concepts in DevSecOps, including CI/CD, Virtualization, Containerization, Monitoring, Logging, and Tracing.

- Studied, experimented with, and applied popular DevOps tools like Docker, Kubernetes, Ansible, Grafana, Prometheus, Fluentd, and Elasticsearch.
- Finished as a Top 10 performer (out of 40 interns) by the end of the program.

EDUCATION

The University of Information Technologies, Mechanics and Optics | Saint Petersburg, Russia

B.S. in Applied Computer Science | GPA: 4.5/5.0

Graduated: July 2025

Relevant Courses: Web Programming, Algorithms & Data Structures, Database, Computer Networks, Back-End Development, Front-end Development, Optimization Methods

PROJECTS

NutriLog | Personal Project

Dec 2023

- I developed the front-end interface for an application dedicated to searching for dishes, retrieving calorie information, and calculating daily calorie intake
- **GitHub:** github.com/descent1511/nutriLog
- **Technology:** Vue.js, Edamam APIs, HTML, CSS

Student Management Web App with DevSecOps | Personal Project

Jun 2024

- Developed a basic 3-tier CRUD web app and deployed it using DevOps tools: Docker, Kubernetes, Helm, ArgoCD, Ansible, Prometheus, Grafana, Fluent Bit
- **GitHub:** github.com/descent1511/Viettel-Digital-Talent-2024/tree/finalterm
- **Technology:** Node.js, Vue.js, Docker, Kubernetes, Helm, ArgoCD, Ansible, Prometheus, Grafana, Fluent Bit

DescentScanner | Personal Project

Oct 2024

- Developed a black-box security scanner for Cloud to assess potential vulnerabilities across public IP assets, providing real-time alerts via Telegram.
- **GitHub:** github.com/descent1511/descentScanner
- **Technology:** Django, Vue.js, Redis, HTML, CSS, Telegram bot

vdt5-iam-system | Personal Project

June 2025

- Developed a full-stack Identity and Access Management (IAM) system to manage users, roles, and permissions efficiently. Implemented RBAC (Role-Based Access Control) and ABAC (Attribute-Based Access Control) to provide fine-grained authorization. Built authentication, authorization, and policy enforcement for securing resources across the application. Integrated with Large Language Models (LLM) via Olama to automate routine tasks and perform intelligent log analysis, enhancing system monitoring and security insights.
- Github: github.com/descent1511/vdt5-iam-system
- Technology: Spring Boot, Java, Postgres, Vue.js, HTML, CSS, Olama, LLM

ACHIEVEMENTS

- First Prize, Russian Informatics Olympiad **Apr 2020**
- Full-ride Scholarship, University of Information Technologies, Mechanics, and Optics **Sep 2020**
- Member of Lam Dong Provincial Team, National Computer Science Olympiad Selection **2017, 2018**
- Second Prize, Provincial Informatics Competition **2017, 2018**
- First Prize, Lam Dong Youth Informatics Competition **2018**

LANGUAGES

- **Vietnamese (Native)**
- **English (TOEIC 705)**