

DO TRINH TRUONG THINH

Software Engineer



CONTACT ME

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[my LinkedIn](#) • [my Portfolio](#)

SUMMARY

- Software Developer with 3 years of experience in developing web applications by using Java technologies.
- Familiar with joining in full-cycle software development including: design, development and implementation.

WORKING EXPERIENCE

VICK

Software Engineer

Oct/2022 - Jun/2024

- Ensured to catch-up timeline and quality standards of multiple projects aligned with the company's objectives.
- Developed scalable securities advisory platform serving over 500 fee-paying users.
- Transformed monolithic platform to micro-services architecture.
- Enhance system security to mitigate potential vulnerabilities and safeguard sensitive data.
- Integrated CI/CD using Maven, GitLab, Jenkins, and Sonarqube to optimise DevOps workflow.
- Mentored new members to understand the core features of the system or troubleshoot several technical issues.

Aladin Finance

Back-end Developer

Jun/2021 - Oct/2022

- Onboarded in programming, participated in developing and maintaining company's platform according to mentor's instruction.
- Improved programming mindset, strengthened logical thinking, object-oriented thinking, and problem-solving abilities.

EDUCATION

University of Economics and Law, VNU HCMC

2019 - 2024

- **Major:** Applied Mathematics in Economics, Management and Finance - Good.
- **Relevant Coursework:** Database (SQL), Data Visualization, Deep learning and Machine learning.

SKILL

Technical Skills

- **Programming Languages:** Java, JavaScript, TypeScript, SQL
- **Frameworks and libraries:** JDBC, Google Authenticator, Apache Kafka, Apache Ignite, Hazelcast, ReactJS, NextJS, BulmaCSS, TailwindCSS, FCM
- **Project Management:** OpenProject, GitScrum
- **CI/CD Tools:** Jenkins, SonarQube
- **Source Code Management:** Git, GitLab
- **Build Tools:** Maven
- **Operating System:** Ubuntu
- **Development Tools:** Visual Studio Code, Eclipse, IntelliJ IDEA, Postman, DBeaver, JMeter, Burp Suite
- **Database:** PostgreSQL

Financial Skills

- Financial analysis and financial investment.

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PROJECT

Payment system - ViCK

- Designed architecture and payment workflow.
- Developed payment gateway and auto audit at the end of day.
- Integrated payment gateways such as **VNPAY**.
- Bank transfer payment recognition and processing.

E-wallet - ViCK

- Developed companion e-wallet for convenient cash flow management and seamless transactions within the platform with features for depositing, withdrawing, remittance and payment.
- Implemented Google Authenticator for 2-factor authentication.
- Collaborated with **Bao Tin Information Security** for Fraud prevention and improved security.

Chatify - ViCK

- Built real-time chat application enabling user interaction with WebSocket technology.
- Built socket core for efficient TCP and UDP client/server network communication using NIO.

Multi-channel notification system - ViCK

- Implemented API from Firebase Cloud Messaging for Push Notification, Incomsms for sending SMS and Amazon SES for sending Email to customers.

Stock trading system and trading competition - ViCK

- Designed and developed stock trading system, allowing users to place orders on the company's system with real-time data from the Vietnamese stock market.
- Statistics and management of money portfolio in trading accounts.
- Statistics on market fluctuations per day.

Bespoke CMS - ViCK

- Developed and enhanced bespoke Content Management System (CMS) with features for posting, order management, and SEO

News aggregation system - Aladin Finance

- Developed automated news aggregation system from numerous sources, efficiently processing and storing data, saving time and effort.

Synchronize CRM data tool - Aladin Finance

- Developed application to automatically synchronize data from CRM applications to improve customer satisfaction.

Trading System Platform - Aladin Finance

- Developed and enhanced trading platform for managing client portfolios and enabling simultaneous order placement across various securities accounts.
- Designed database structure.
- Provided Front-end with API.

Trading BOT - Aladin Finance

- Used historical data to back-test trading theories.
- Analyzed back-testing results and applying the most suitable theories in reality.
- Provided trading strategies and trading signals for company and customers.
- **Result:** ensure no negative profit over 5%.

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PROJECT

HDCapital Website - GBSofts

- + Designed website flow and database structure.
- + Developed HDCapital's website and mentored trainees in developing HDCapital Landing page using Java Technologies.
- + Collaborated with SEO agency for improving website and CMS.
- + Developed automatic statistics tool from financial reports and display to website per trading day.
- + Provided Front-end with API.

LANGUAGE

- **Vietnamese** - Native proficiency
- **English** - TOEIC 690 (R+L)
- **Chinese** - HSK2

ACTIVITY

EXTRACURRICULAR ACTIVITIES

FESE GROUP - Deputy of Content Department

2019 - 2022

- **Description:** A securities academic group founded in 2014 in University of Economics and Law, VNUHCM. FESE has become a prestigious brand in the student community pursuing the field of finance and securities nationwide.
- **My responsibilities:**
 - + Spearhead the planning, development, and organization of content for a financial competition involving 3,000 students from Ho Chi Minh City, Hue and Hanoi.
 - + Hold responsibility for the trading platform used in the competition.
 - + Supervised 10 team members.
- **Accumulated Experience:**
 - + Improving financial knowledge and practice organizational skill management.
 - + Coordinating with inter-department and several stakeholders.
 - + Well-organized under pressure, practicing teamwork and leadership skills.