

Trần Văn Đan Trường

Back-end Developer | Java Developer

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OBJECTIVE

As a highly motivated and results-driven Java Backend Developer, my objective is to leverage my experience, skills, and knowledge to create robust and efficient backend systems that enhance user experiences. I am dedicated to collaborating with front-end developers, addressing and resolving any bugs or issues, and continuously improving the performance and reliability of applications. By providing innovative solutions, I aim to contribute to the success of the organization and deliver exceptional results in every project.

In the next three years, I would become a senior developer, and in the next five years, I would like to be a Tech lead.

EDUCATION

The Saigon International University	Sep 2018 - Dec 2022
Major: Computer Science	
GPA: 3.76/4 (Valedictorian)	

SKILLS

Programming language	Java, C/C++, Python, C#, .NET, Golang, Rust
Technology	Spring, Spring Boot, Hibernate, Kafka, Restful API, Oracle Cloud, gRPC
Database	MSSQL, MySQL, MongoDB, Elasticsearch, Redis
Tool	Git, GitLab, Maven, Gradle, Jenkins, Kubernetes (in progress), Docker

HONORS & AWARDS

The first prize of HackYouth 2023: Real Impacts, Real Doers in FinTech Challenge	2023
Paper: Digital forensic analysis Dropbox application on Windows 10 devices	2022
The third prize of Cisco Packet Tracer Competition	2021
Consolation prize of Student Research powered by MOET	2020
Consolation prize of ASEAN Information Security powered by VNISA	2019
The special prize of Japanese Procon powered by Naprock	2019
The third prize of Olympic Information Technology Vietnam	2019
The third prize of the Procon competition	2019

CERTIFICATIONS

Oracle Cloud Infrastructure 2023 Certified Architect Professional issued by Oracle	Aug 2023
Oracle Cloud Infrastructure 2023 Certified Architect Associate issued by Oracle	Jul 2023
Oracle Cloud Infrastructure 2023 Certified Foundations Associate issued by Oracle	Jul 2023 - Jul 2025
TOEIC Certificate issued by IIG	Sep 2022 - Sep 2024
Fullstack Web Development issued by R2S	Dec 2021
Android Developer issued by R2S	Jan 2021
Microsoft Office Specialist: Microsoft Office (Word, PowerPoint, Excel) issued by IIG	2019, 2021, 2022

WORK EXPERIENCE

BACK-END DEVELOPER	May 2022 - PRESENT
Hahalolo Travel Social Network Joint Stock Company	
<ul style="list-style-type: none">Built and developed Vietnam's first OTA combined social network platform, ensuring its scalability, reliability, and security.Efficiently utilized technologies and implemented best practices to drive profitability and operational excellence.Successfully maintained and migrated the previous version of the OTA platform to the new version, minimizing downtime and ensuring a seamless transition.Developed and maintained APIs for front-end teams using microservice architecture, enabling efficient communication between front-end and back-end systems.Expertly handled and managed large datasets, ensuring real-time updates and optimal performance for data retrieval.Prioritized speed and responsiveness in information delivery to end users, enhancing the overall user experience.	
BACK-END DEVELOPER	Apr 2021 - May 2022
R2S Joint Stock Company	
<ul style="list-style-type: none">Spearheaded the building and development of the Internship platform, ensuring its scalability, reliability, and performance.Implemented efficient and profitable use of technologies, optimizing resource utilization and delivering cost-effective solutions.Designed robust business and database architecture, enabling seamless data management and retrieval.Developed REST APIs for front-end teams, facilitating seamless integration between front-end and back-end systems.Collaborated with cross-functional teams to ensure efficient development and timely delivery of project milestones.	
ANDROID DEVELOPER	Jan 2021 - Apr 2021
R2S Joint Stock Company	
<ul style="list-style-type: none">Collaborated as an intern on the E-Commerce project, actively contributing to UI design and implementation.Designed and handled UI events to ensure a seamless and user-friendly experience.Developed robust REST APIs to interact with the server, enabling efficient data retrieval and manipulation.Implemented CRUD operations for data management, ensuring accuracy and consistency.	
SOFTWARE ENGINEER	Oct 2021 - Nov 2021
JPMorgan Chase & Co. (Internship)	
Online Course · Remote	
<ul style="list-style-type: none">Interface with a stock price data feed and set the system for analysis of dataImplement the perspective open source code in preparation for data visualizationUse Perspective to create the chart for the trader's dashboardMake a contribution to Perspective or other projects backlogs	

PROJECTS

Hahalolo Automatically Increase Interactions Tool (HAIIT)

(Aug 2023 - Present)

Customer	Hahalolo Travel Social Network Joint Stock Company
Description	This project aims to increase the number of active users on the system and enhance interactions with feeds, hotels, and tours on the platform. We aim to help users genuinely change their perspective and perception of Hahalolo, thereby attracting a more engaged user base. This will contribute to boosting sales volume and increasing revenue for the company. Increasing the number of genuine users will benefit both the platform and our business partners.
Team size	3
My position	Software engineer (leader)
My responsibilities	<ul style="list-style-type: none">• Create the requirement, and specific business rules, list tasks, and estimate working time.• Design the JFrame layout for the end user.• Create the rules for creating user information such as full name, avatar, cover, posts,...• Handle actions such as login, sign up, like, comment, share, ... that allows user can run automatically or manually but still keep the performance of the server good.• Allow end users to interact with the system with many actions, and many targets at once.• Export and import user data to the storage.• Create the cronjob to make the tool can be run automatically.• Make sure that the tool runs with the right logic with the right business rules.
Technologies used	Java, Java Swing, HttpClient, Excel file,...

Hahalolo.com

(May 2022 - Present)

Customer	Hahalolo Travel Social Network Joint Stock Company
Description	This project is about Vietnam’s first OTA combined social network platform, built with scalability, reliability, and security. It utilized technologies and best practices for profitability and operational excellence. The platform was migrated to a new version with minimal downtime and used microservice architecture for efficient communication. Large datasets were managed for real-time updates and optimal performance. The platform prioritized speed and responsiveness for an enhanced user experience. It also combined OTA with social networking, allowing users to share experiences, book flights, rent cars, and sell products worldwide.
Team size	8
My position	Backend Developer
My responsibilities	<ul style="list-style-type: none">• Overall:<ol style="list-style-type: none">1. Build the systems from scratch in the start-up environment so I know how to start, develop a project from the beginning then we have a product ASAP.2. Maintain, migrate, and add more features from the previous version to the new one.3. Cooperate with BA, Web, Mobile, and QC teams and other departments (Business, Marketing, ...) to discuss, develop, and deploy responsible tasks.4. Write APIs for Web/Mobile teams using microservice architecture.5. Use Kafka to keep data always updated, sync, and handle big data.6. Use ElasticSearch to get/search data as quickly as possible.7. Design database structure and the relationship between them.8. Design and develop an ETL system to collect data for the Data warehouse.9. Integrate the 3rd service into systems (Firebase, Mail API, Geocode service).• Socials tasks:<ol style="list-style-type: none">1. Create the Newsfeed systems (including Newsfeed and Experience tab) like Facebook, Twitter, ... that allows users can post, share experiences, react (haha action), comment, give

	<p>points,... to the feeds.</p> <ol style="list-style-type: none"> Create algorithms to distribute the contents to the end users that are always the newest, not duplicated, and based on the user's interest, behaviors,... Create algorithms and APIs for suggesting tours, friends, sites/pages, ... to increase the user's interactions with the systems Create feeds and algorithms to handle distributing feeds for advertisement, information,... to increase the profit. Use the Kafka technique to fulfill the required data for easy display feeds after handling with necessary fields. Create a system for end users to manage the pages, sites, bookmarks, orders, media libraries, hand notes,... easily. <ul style="list-style-type: none"> OTA platforms: <ol style="list-style-type: none"> Create the Tour system (Tour tab) to display the available tours from partners, allowing users to search with multiple conditions. Handle sync tour data such as information, price, departure, parts, promotions,... real-time to increase user experience. Create algorithms to display the most suitable promotions and discounts to stimulate users to book a tour. Create and handle displaying the list of outstanding tours to grab the user's attention. <ul style="list-style-type: none"> Business and Backend systems: <ol style="list-style-type: none"> Support build and monitor services of the system. Develop order management system, tour OTA system for partners, settings of community sites, and business pages. Develop internal systems for managing users, orders, and profits,... that allow statistics easily. Develop systems to advertise feeds, tours, hotels, and the cheapest flights,... for end users.
Technologies used	MongoDB, Elasticsearch, Java, Spring Boot, Apache Kafka, gRPC,...

Internship platform project

(Apr 2021 - May 2022)

Customer	Internal product - R2S Joint Stock Company
Description	This project is about helping medium/small companies find internships/employees and universities send students to participate in an internship course at the company.
Team size	3
My position	Backend Developer
My responsibilities	<ul style="list-style-type: none"> Design business and database architecture Write API for the FE team Test server API
Technologies used	Spring Security, MySQL, REST APIs, Spring Boot, Java,...

E-Commerce project

(Jan 2021 - Apr 2021)

Customer	Internal product - R2S Joint Stock Company
Description	This project is about delivering medical equipment and supplies, checking inventory, and delivering to customers or pharmacies.
Team size	5 (including interns and freshers)
My position	Internship
My responsibilities	<ul style="list-style-type: none"> Design UI and handle event action CRUD data with the server using API
Technologies used	Retrofit, REST APIs, Spring Boot, Android Development, Java, Android, MySQL,...