RESUME – MOBILE FULLSTACK WEB DEVELOPER INTERN

PERSIONAL INFORMATION

Full name: Trịnh Hòa.
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EDUCATIONAL LEVEL

Major: Software Engineering.
University: University of Information Technology, under Viet Nam National University, Ho Chi Minh City (UIT).
Study duration: 2 year.
GPA (3 terms): 8.8/10.

SOFT SKILLS

- Able to read and understand English technical documentation.

- Strong problem-solving and analytical skills.

- Good communication skills; quickly adapt to new environments.

- Effective teamwork: ensure on-time delivery with attention to detail; sociable and supportive of teammates.

- Positive work attitude, always completing assigned tasks on time.

- Proactive self-learner: regularly research and explore new technologies and tools relevant to the job.

TECHNICAL SKILLS

- **Frontend:** React.js (Next.js Framework), redux, react query.

- **Backend:** Spring Framework (Spring boot, Spring Security, Hibernate (JPA)), Express.js, Nest.js Framework (JavaScript).

- **Mobile:** React Native (Expo Framework).

- **Database:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB), Firebase.

- **Tools:** Docker , Trello, Stack, Github, Draw.io, LucidChart.

- **Languages:** Java, JavaScript/TypeScript, C++, C#, HTML, CSS.
- **Workdflow Method:** Agile/scrum.

INDIVIDUAL PROJECTS

- **Project: Laptop E-Commerce Website**
    - **GitHub:** Spring MVC Repository
    - **Description:** A web-based e-commerce platform for selling laptops, built using the Spring Framework. The project follows the MVC architecture, ensuring scalability and maintainability. It integrates various Spring modules along with JSP for the frontend and MySQL as the database.
    - **Backend:** Spring Framework (Spring Boot, Spring MVC, Spring Security, Hibernate JPA).
    - **Frontend:** JSP (JavaServer Pages).
    - **Database:** MySQL.

- **Project: Clothing Store Management Website**
    - **GitHub Backend:** Cloth Store Backend Repository
    - **GitHub Frontend:** Cloth Store Frontend Repository
    - **Description:** A full-stack web application for efficiently managing a clothing store. The system enables administrators to manage inventory, view sales reports, and handle user accounts, while customers can browse and make purchases.
    - **Backend:** NestJS Framework (Node.js, Express, TypeScript).
    - **Frontend:** React.js (Next.js Framework).
    - **Database:** SQL (PostgreSQL).

- **Project: TinTinShop - Mobile Drink Ordering App**
    - **GitHub Repository:** TinTinShop Mobile App Repository
    - **Description:** A mobile application developed for ordering drinks, built as part of the Mobile Programming course. The system includes both customer-facing and administrative functionalities, such as placing orders, viewing menus, managing products, and uploading files.
    - **Role:** Fullstack Developer – responsible for the entire system development from start to finish. Designed and implemented both the backend (Java Spring Boot + MySQL) and the mobile frontend (React Native + TypeScript + Expo). Configured RESTful APIs, environment setup, authentication, file uploads, and integrated database and cloud storage access.
    - **Frontend:** React Native (TypeScript, Expo).
    - **Backend:** Java Spring Boot (Spring MVC, Hibernate, REST API).
    - **Database:** MySQL.
    - **Tools:** VS Code, IntelliJ IDEA, Postman, Android Studio, Git.

- **Project: Sweet Backend – Core API System for Savings Management**
    - **GitHub Repository:** Sweet Backend Repository
    - **Description:** A backend system serving as the foundational API layer for a savings management application. The project establishes a robust architecture with modular security design,

including authentication, authorization, role-permission management, and email verification. Designed to be reusable and extendable across multiple services and user types.

- **Role:** Backend Architect Developer – responsible for designing the core backend infrastructure. Implemented secure authentication using JWT, configured role-based and permission-based access control, email verification via token-based validation, and established clean project structure for scalability. Served as the base backend service for the team to build other business modules.

- **Backend Technologies:** Java, Spring Boot, Spring Security, Spring Data JPA, Hibernate.

- **Security Features:** JWT Authentication, Role Permission-Based Authorization, Email Verification.

- **Database:** MySQL.

- **Tools:** IntelliJ IDEA, Postman, Git.

INTERNSHIP OBJECTIVES

- Apply learned knowledge in real-world software development projects.

- Gain exposure to corporate workflows using Agile/Scrum methodologies.

- Enhance frontend (React) and backend (Spring Boot) skills through practical experience.

- Practice writing clean, maintainable, and secure code.

- Expand knowledge of databases (SQL, Firebase) and learn how to design efficient system architectures.

- Deepen understanding of database design (SQL/Firebase) and system architecture.

- Develop stronger problem-solving, debugging, and self-learning abilities.

- Build professional connections and learn from experienced mentors for future career development.