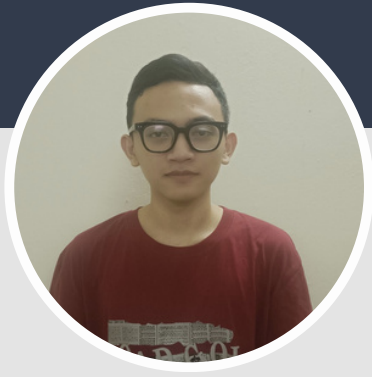# HOANG HUU TUYEN

INTERN JAVA

CONTACT

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SKILLS

- Languages: Java, JS, C++
- Framework/Library: Spring Boot, Hibernate, React JS
- Database: SQLServer, MySQL, MongoDB
- Other: Microservice, Kafka, Redis, WebSocket, Amazon S3, JWT

LANGUAGES

- Toeic: 700+

EDUCATION

Academy Of Cryptography And Techniques   2022 - now

Information Technology

OBJECTIVE

As a third-year web development student, I am actively seeking an internship to apply and expand my programming and design skills. With a strong technical foundation and a passion for learning, I am eager to contribute to the success of the team and grow professionally.

PROJECTS

Social Media   4/2024 - 7/2024

Description: This project is a full-stack social networking application built with a Spring Boot backend and a React frontend. It offers a platform where users can create profiles, connect with others, and interact through posts, comments, and direct messages. The application is designed to provide a smooth and engaging user experience, mimicking features found in popular social media platforms.

Feature

- **User Authentication:** Secure login and registration with JWT-based authentication.
- **User Profiles:** Users can view and edit their profiles, including profile pictures and personal information.
- **Posts and Comments:** Users can create, like, and comment on posts, with support for media uploads.
- **Friends and Followers:** Users can follow others, manage friend requests, and view mutual connections.
- **Search Functionality**: Search for users and posts to explore the platform.

Backend

- **Github**: https://github.com/hoangtuyen04work/socialnetwork-v2
- **Technology**: Java Spring Boot, Oauth2, Hibernate, Spring Data JPA, Spring Security, AWS S3, MapStruct, Lombok.
- **Database**: MySQL
- **Others**: JWT for authentication, RESTful API for communication between frontend and backend.

Frontend

- **Github:** https://github.com/hoangtuyen04work/react-social
- **Technology: React, Redux, CSS**

LIBRARY   8/2024 - NOW

Description: By leveraging a microservices architecture, this full-stack application provides a platform where users can watch, borrow, rate the book. The backend, Micro-Lib, ensures scalable, secure service communication and real-time features using Spring Boot, Kafka and WebSocket. On the frontend, Lib-UI offers a polished, responsive user interface built with React, with a suite of reusable components styled for consistency and ease of customization.

Feature

- **Microservices Architecture:** Modular services to allow scalability, fault tolerance, and easier maintenance.
- **Secure Authentication and Authorization:** JWT-based authentication to protect user data and secure interactions.
- **WebSocket Support:** Enables real-time data exchange, allowing users to receive instant updates (e.g., messages, notifications) without the need for page refreshes.
- **Kafka-based Messaging:** Asynchronous processing for efficient communication between services.
- **Caching with Redis**: Utilizes Redis for caching frequently accessed data, improving response times and overall application performance.
- **RESTful APIs:** Provides endpoints for interaction with the frontend, following REST principles for consistency and reliability.
- **Utilities for Logging and Configuration Management**: Built-in logging, error handling, and configuration tools to simplify backend management.

Backend

- **Github:** https://github.com/hoangtuyen04work/micro-lib
- **Architecture:** Microservice
- **Technology:** Java Spring Boot, Oauth2, Hibernate, Spring Data JPA, Spring Security, AWS S3, MapStruct, Lombok, WebSocket, Kafka, Redis.
- **Database:** MySQL
- **Others:** JWT for authentication, RESTful API for communication between frontend and backend.

Frontend

- **Github**: https://github.com/hoangtuyen04work/lib-ui
- **Technology**: React, Redux, CSS