Đàm Thu Hằng

Java Developer

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CAREER GOALS

Currently a 5th year student at Hanoi Open University. Trying to do my best and I want to be an IT professional.

PROJECTS

Parking management

05/04/2022 - 30/05/2022

Team size: 3

Technology used:
- ProgrammingLanguage: Python (back end), Java (front end)
- Frameworks: FastAPI, SQLAlchemy.
- Database: MySql.
- Recognizing vehicle license plates: YOLOv4, PaddleOCR.

POSITION

Do the front end for the user part, backend for the user part, participate in learning the YOLOv4, PaddleOCR model.

PROJECT DESCRIPTION

- Github:
+ Back end: https://github.com/thuhang2510/Parking-management
+ Front end: https://github.com/thuhang2510/fe_packing_manager
- Front end:
Android Java application is used to create user, admin interface for the program. Python server is used to handle requests from Android applications.
+ User: View payment transactions, View user information, Pay parking fee, View parking history.
+ The camera is used to take pictures of license plates.
+ The Python license plate recognition model is used to identify license plates in photos.
+ License plate information is returned to the Python server.
+ Information about license plate numbers, parking fees and payment information saved in database.

StackAsk

07/2023 - Present

Team size: 1

Technology used:
- ProgrammingLanguage: Java.
 - Frameworks: Spring boot, SQLServer, Mockito, Hibernate, Lombok, Spring Data JPA, Log4j, JSON Web Token (JWT), Spring Security Crypto, Spring Boot Starter Mail.
- Database: MySql, Elasticsearch.

PROJECT DESCRIPTION

- Github: https://github.com/thuhang2510/StackAsk
- Describe:
+ Build backend for a question and answer website for programmers.
- Main function:
+ CRUD User, Answer, Question, ReplyAnswer, Media, Account.
+ Login: Use JWT.
+ Allow users to register. Once registered, the user will receive a confirmation email.
+ When retrieving a query list, use cursor pagination to increase query performance.
+ Searching, filtering, sorting questions using elasticsearch is faster.
+ When asking a question and update avatar, users can upload images. Information about images is stored in the MySql and images are stored in the file system.

EDUCATION

SKILLS

10/2019 - Present

HANOI OPEN UNIVERSITY

INFORMATION TECHNOLOGY

GPA: 3.23

ACTIVITIES

03/2022 - 03/2023

SCIENTIFIC RESEARCH AT HANOI HOU UNIVERSITY

Study group: G10

Learn about methods, how it works to summarize current affairs, compare methods, implement into specific products.

Programming Languages

Java.

Frameworks & Platforms

Spring boot, SQLServer, Mockito, Hibernate, Lombok, Spring Data JPA, Log4j, JSON Web Token (JWT), Spring Security Crypto, Spring Boot Starter Mail.

Database

MySql, Elasticsearch.

English

- Able to read and understand English.

Others

Git, ResfulApi