Ren Tianle

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GitHub：https://github.com/rentianle2023
LeetCode：https://leetcode.cn/u/rentianle2023

Education

University of Toronto - Bachelor of Finance (High Distinction) GPA: 3.64/4   2016/09—2020/06
- Related courses: Microeconomics, Macroeconomics, Statistics, Marketing, Business Law, etc.

Personal Project

「LipstickGeek」 website: http://www.tianlefirstweb.fun   Founder   2022/03—2022/06

➢ LipstickGeek」 helps boys quickly choose the lipstick that suits their significant other through functions such as color number recommendation, sales recommendation, skin color recommendation, brand encyclopedia, color keyword query, and community discussion.
➢ Personal project, independently completed all front-end and back-end codes, and has been open sourced to GitHub.

- Use Mysql as a relational database to create a total of 12 tables to save user data & product data;
- Use ElasticSearch as the search engine, supporting color range search & name fuzzy search;
- Using SpringBoot as the back-end framework, a total of 35 independent API interfaces were created;
- Use Redis as a cache database to cache recommendation data & chat room content;
- Use Jsoup, HtmlUnit, and Selenium to crawl the official website data of 8 well-known lipstick brands, crawling a total of about 150 lipsticks & 1500 color numbers;
- Use SpringSecurity to complete JWT permission authentication and authorization, CORS configuration, and interface security access control;
- Use ReactJS, TailwindCSS, React Router, Axios and other technologies to complete the interaction and rendering of front-end pages and implement responsive layout;
- Use Nginx to receive & forward browser requests, and use Docker to complete service deployment.

Professional Skills

- Familiar with Java and SQL, and understand Python and Golang;
- Familiar with common data structures and algorithms, solved 1000+ algorithm problems on the entire platform, and scored 2100+ in leetcode competition;
- Familiar with Linux, familiar with TCP/IP, HTTP and other protocols, and have good knowledge of networks and operating systems;
- Familiar with back-end frameworks such as SpringBoot, SpringSecurity, SpringDataJpa;
- Be familiar with the use of common back-end components such as Mysql, Redis, Elasticsearch, Kafka, etc., and understand their working principles;
- Understand HTML, CSS, and JS; can use ReactJS and related components to complete front-end page rendering.

Working Experiences

Optimum Solution (Shanghai)   Backend Developer   2022/09—2023/11

- Assigned to Citi Financial Information Services (China) Co. Ltd. to be responsible for demand communication, solution design, function development and maintenance of back-end projects. Using English as the main working language, communicate with colleagues in the United States and India through daily meetings and emails. Continuously advance the project during work so that each iteration in agile development can be delivered on time.
- Mainly responsible for the development and maintenance of the back-end interface of the "Common Inbox Message Management Project". This project provides the functions of sending, storing, and reminding messages within the company. Users can send messages to other people as reminders or to-do items.
o Use Springboot and SpringDataJpa to complete the addition, deletion, modification and query operations of the interface
o Use Elasticsearch as a search engine to greatly enhance the project′s information retrieval speed.
o Use Kafka as a message queue to optimize user experience and speed in sending messages.
o Use Spring Batch to create different batch tasks and regularly send reminder emails to users based on their subscription status.

Future Wisdom Co.   Project Manager   2020/07—2022/08

・Participate in the design and testing of the company's 'Smart Future Bracelet' applet, 'Qi Dai Gold Bracelet Customization' applet, and 'Wedding Ring Customization' software;
・Based on the user needs reported by the marketing department, sort out the software iteration plan and complete multiple iterations of the 'Wedding Ring Customization' IOS and Android software. This software is used in more than 3,000 jewelry brand offline stores;
・Participate in the company's important strategy formulation and cooperation negotiations, mainly responsible for demonstrating the various advantages of the company's software and product advantages during the negotiation process.

Qualification Certificates

・Used C++ to take the 2022 Spring PAT Level A Computer Programming Ability Test, with a score of 81/100 and a ranking of 40/1021;
・IELTS IELTS 7.0;
・University of Toronto Dean's List Scholar for three consecutive years from 2017 to 2019;
・High Distinction graduate from the University of Toronto.

Self Evaluation

・Good at using official documents, books and StackOverFlow for technical learning;
・Like algorithms and are willing to use their spare time to continue improving algorithmic capabilities;
・Pursue efficient and clean code and be willing to try new technologies.