**SKILLS**

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| **Languages:**  Cantonese, Mandarin, English  **Tech Stack:**  Java, Servlet, Spring MVC , Mybatis, SpringBoot, RabbitMQ, WebSocket ; MySql, Redis, MongoDB, Hadoop ; Docker, Linux, CentOS, XShell, MobaXterm, Git, Maven, Tomcat, Postman ; HTML, CSS , JS, Bootstrap, React.  **EDUCATION** |
| **City University of Hong Kong E-commerce, Master 2024 - 2025**  **NorthEast Agriculture University Computer Science, Bachelor 2019 – 2023**  **Course highlight:**  Data Structures, Computer Systems, Operating Systems, Computer Networks, Python, C, C++ , Big data algorithm and technology , Information security , System analysis and design.  **WORK EXPERIENCE** |
| **PeakRe Hong Kong Oct 2024 – now**  **Project: Typhoon Monitoring System Front-end developer Intern**  ***Responsibilities and tasks:***  · Designed responsive and adoptive pages using **Bootstrap**; implemented internationalization and language switching; enhanced user experience with responsive modals and input validation features.  ·Utilized **Amap** API to display real-time typhoon paths and precipitation data, providing an intuitive interface for users to query typhoon information.  ·Refactored **CSS** for improved readability and maintainability, optimized class naming, reduced redundancy, and ensured style consistency. Restructured **HTML5** for enhanced semantic standards, accessibility, and SEO performance.  **Tianxun Ruida Communication Technology Co., Ltd. Guangzhou Oct 2023 – Jan 2024**  **Project: Government Canteen Management System Back-end developer Intern**  ***Responsibilities and tasks:***  ·Participated in developing backend modules for personnel, dishes, goods, and warehouse management. This includes **pagination** for data queries, and basic operations functions. Utilized **ExcelUtils** for data import/export using **Stream** and managed **file upload**/**download** functionalities. Implemented Blowfish **encryption** for data security.  ·Created a custom **tool** class for automatic generation of unique identifiers, which significantly reduced code redundancy and eased the development workload.  ·Employed **AOP** and **annotations** to handle duplicate data processing and submissions, ensuring data consistency.  ·Utilized data dictionary to store fields, **optimize index** ,reducing database storage load ,improving query efficiency.  ·Interacted with the front-end using **Swagger**, maintaining timely and effective communication to resolve data **synchronization** issues and choose optimal data structuresfor simplicity and convenience.  ·Enhanced project features according to new user requirements. Modified complex logic structures, including adjustments to the inventory tables. Implemented multi-condition checks to determine storage methods for various inbound processes such as direct transfer, procurement, replenishment, and returns. Clarified complex business workflows and designed logical structures to ensure rational processes.  **PROJECT EXPERIENCE** |

***Project:*Group Time (2024)**

***Project Background:*** To help users avoid bad experiences and bad AD., this app allows users to share and recommend restaurants and dishes within groups, and flag poor quality food. Users can set flexible post visibility, and the app categorizes shared content for easy searching.

***Responsibilities***

·Responsible for overall project design, requirements analysis, database table design, and backend development in a **RESTful** style, including modules such as user, blog, diary, shop, brand, and group.

·Addressed **cache penetration** issues using **Redis** and employed **LUA** scripts to ensure **multi**-**threaded** concurrency safety for coupon flash sales, preventing issues such as one person placing multiple orders and overselling.

· Utilized **RabbitMQ** to process orders and handle order cancellation upon timeout, ensuring message reliability.

·Implemented login and authentication using **Redis and token** technology, with custom **interceptors** for user authentication. Token validation is managed through **ThreadLocal** in conjunction with interceptors.

***Project:*TakeOut Order Manage System (2023)**

***Project Background:*** Developed a food delivery platform for merchants and users based on Spring Boot, The mobile mini-program allows users to browse dishes, add items to the cart, and place orders online.

***Responsibilities***

·Independently developed 70 APIs, including shopping cart, menu, order, and personnel management modules.

·Established a long connection between the user client and server using **WebSocket**, enabling order notifications and customer reminders. Implemented login and authentication using **JWT** tokens.

·Implemented scheduled order status processing using **Spring Task**, including automatic order cancellation upon timeout.