Yanshi XU

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Education

Renmin University of China   2022/9 – 2025/7
Computer Application Technology - Master's degree   Beijing, China
- Key Laboratory of Data Engineering and Knowledge Engineering, Ministry of Education.
- Research Fields included Database Kernel, Cloud Databases, and AI4DB.
- Computer-related courses: Database Management System Theory and Implementation (A), Cloud Computing and Big Data (A), Intelligent Information Retrieval (A), Business Intelligence (A), Big Data and Artificial Intelligence (A), etc.
- GPA: 3.93 / 4.0. Has received multiple scholarships and grants for graduate studies.

Nanjing University   2017/9 – 2021/7
Applied Meteorology - Bachelor's degree   Nanjing, China
- Computer-related courses: Fundamentals of Programming (99), Applications of Modern Information Technology, etc.
- Honors and Awards: Third prize in the 2018 Jiangsu Province Information Technology Application Contest.

Skills

- Programming Languages: Proficient in Java, Python, Go, C++, SQL; familiar with HTML/CSS/JavaScript, C, Rust, etc.
- Big Data: Familiar with the basic principles and usage of Apache Hadoop, Spark, Hive, and other related technologies.
- Backend: Familiar with Spring, Spring Boot, Redis, and Node.js, including its Express framework. Certified as a full-stack developer by the University of Helsinki.
- Frontend: Familiar with React and its server-side rendering framework, Next.js, as well as testing libraries such as Jest and Cypress.
- Databases: Proficient in MySQL and PostgreSQL, and familiar with MongoDB, a document-based distributed database management system.
- Computer Fundamentals: Proficient in basic data structures and algorithms, and database design and implementation. Familiar with operating systems and computer networks, etc.
- Other Skills: Proficient in basic Git operations and GitHub usage, and Linux knowledge and familiar with commonly used commands. Familiar with Python web crawlers, Docker containers, etc.
- Natural Languages: English (Business Level), Chinese (Native), Japanese (Basic Conversation Level).

Internships

Huawei Inc.   2023/06 – 2024/06
Database Kernel Engineer   Beijing, China
- Based on MySQL
- todo

Projects

Gin-like Web framework   2023/01 – 2023/03
Developed a Gin-like Web framework by Go programming language that leverages basic Web features provided by Go's standard net/http library, such as listening to ports, mapping static routes, parsing HTTP messages, etc. The framework encapsulates some of the commonly-used features of Web development to form a relatively complete Web framework. The project takes reference from Gin, a commonly-used Web framework in Go.

The main functions implemented in this Web framework include context management, Trie tree routing, group control, middleware, HTML templates, and fault recovery.

Title   2333/23 – 2333/23
Subtitle   Location
- test