

Lingying Kong

Job position: Backend Development Engineer
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PROFESSIONAL SUMMARY

I am deeply passionate about technology and eager to continually expand my knowledge and skillset with new tools and frameworks. My career as a software engineer has equipped me with a wealth of experience. I thrive on challenges, embracing them as opportunities for growth, and I have a proven ability to swiftly adapt to new environments.

EDUCATION

TIANJIN UNIVERSITY

Bachelor of Science in Computer Science & Technology

Tianjin, China

June 2016 - September 2020

WORK EXPERIENCE

HUAWEI TECHNOLOGIES CO. LTD

Software Development Engineer

Shenzhen, China

July 2020 - February 2022

- Design high-quality code. Achieved the excellence newcomer award.

BYTEDANCE CHINA CO. LTD

Software Architecture Engineer

Beijing, China

February 2022 - Present

- Design service framework, Optimize server performance and stability.

Project

ADVERTISING DATA ANALYTICS PLATFORM

Backend Developer

August 2023 - Present

- Responsible for the requirements development of the data platform, providing report authoring and configuration capabilities that allow users to query and download their own data reports..
- Developing automatic tools to enhance the efficiency of advertising campaigns including update bidding, budget optimization, and campaign scheduling. To optimize the tool architecture and increase the Processable Rule Capacity from 400k to 600k (50% increase)

ONLINE SEARCH RECOMMENDATION SYSTEM

Architecture Engineer

February 2022 - July 2023

- Responsible for refactoring the search code for a medical application, abstracting different scenarios into independent modules, constructing operator scheduling capability to improve code reuse and extensibility, and supporting access to different scenarios and search engines.
- Optimized the search performance of the system and improved service stability. Constructed a health check mechanism to support automatic migration of abnormal instances, resulting in an SLA improvement from **95% to 99.9%**.

BILLING SYSTEM FOR TELECOMMUNICATION SERVICES

Software Development Engineer

February 2022 - July 2023

- Developed and maintained a billing system for telecom operators, which is responsible for collecting and processing different formats of billing files and distributing them to different billing network elements.

ADDITIONAL INFORMATION

LANGUAGES: C++ Go Python Java

DATABASE: Redis MySQL Hive Elasticsearch

TOOLS: Git GDB Docker Kafka ClickHouse Cronjob