George Chou

Software Developer

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Skills

Programming Languages

Java, Python, C, HTML, JavaScript, CSS, SQL

Libraries & Frameworks

Spring Boot, Spring MVC, MyBatis, Hibernate, SLF4J, Maven, Quartz, React.js, Ant Design

Tools & Platforms

Bash, Git, MySQL, Redis, Memcached, JUnit, DevOps, Kubernetes, IntelliJ Idea

Experience

Software Developer @ NineData

Mar 2022 – June 2023

NineData is a cloud SaaS that integrates multiple modules of SQL development, data replication, data backup, and data comparison.

> Developed task scheduling engine for Hybrid Cloud and Multi Cloud environments, enabling fast and efficient task scheduling for business teams.
> Designed and implemented a full-stack operation and maintenance system that supports task operations, log collections, CI/CD, and performance monitoring.
> Implemented sensitive data encryption functions using AES, RSA, and ASN1 for end-to-end data encryption.

Software Developer @ QinBaoBao

July 2018 - Mar 2022

QinBaoBao is a mobile APP for family members to record and share their baby's growth. China's largest mother and baby platform. It has exceeded 100 million users and serves more than 50 million families.

> Designed and implemented a distributed file upload service, improving data transmission speed and increasing upload speed in remote areas by 30%.
> Reengineered file upload service for hybrid cloud architecture, achieving 99.99% service availability and reducing file storage costs by 10%.
> Implemented 5-minute UHD video upload feature, improving file upload performance by 70%.
> Led the horizontal scaling of tens of billions of file data, improving database performance by 10%.
> Led the split and architecture upgrade of the creative tool service, reducing development and operation costs by more than 30%.
> Migrated the customer service system to a web-based version, resulting in an 85% improvement in the average response time.

Software Developer, Intern @ QinBaoBao

Mar 2022 – June 2023

> Introduced microservices and completed the splitting of the IM service using Dubbo, Spring Boot, and Message Queue.
> Improved the performance of the IM service API by 50% through code optimization and network request reduction.
> Completed hardware acceleration modification of the Android client transcoding SDK, improving video transcoding performance by 50%.

Education

Anhui Normal University

Bachelor of Software Engineering, 2014-2018

Projects

Img_Tool

A powerful image tool, supports HEIF, Webp, JPEG, and PNG, the main functions include resizing, format conversion, reading image information, and deleting image GPS information.GitHub (**08/2021**).