

Resume of Gong Hanjin

personal information:

- Sex: Male
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- github address: <https://github.com/richardgong1987>
- Expected position: java development engineer, Golang development engineer
- Software development experience: 11 years+

Professional ability introduction

Algorithms and data structure skills

Have a solid foundation in data structures and algorithms:

- Algorithm Complexity Analysis
- Linear data structures, logical data structures, such as: arrays, trees, graph structures, red-black trees, hash tables, etc.
- Strong ability to solve basic algorithms. Often challenge on leetcode, hackerrank and other websites

SQL knowledge

- Familiar with using MYSQL, ORACLE database products
- Proficient in SQL business table design
- Familiar with the application of SQL CRUD
- Have some experience in Mysql performance tuning
- Have a certain understanding of database high concurrency architecture design.

Internet tool knowledge

Git

- Familiar with Gitlab/gitolite server to quickly build
- Familiarize yourself with the core commands of Git
- Years of Git enterprise application practice
- Familiar with git workflow

Linux

- Familiar with common Linux operation and maintenance commands
- Understanding Linux Users and Permissions
- Familiar with Shell Scripting

Native cloud

- Familiar with common docker skill
- Familiar with common Azure server

Golang knowledge

Golang basics

- Familiar with Golang language features, make full use of Golang language features
- Have a solid Golang language foundation
- Familiar with Golang language ecology, flexible use of various golang frameworks
- Have a lot of practical experience in Golang projects

Java knowledge

Microservice knowledge

- Familiar with the history of service architecture changes

- Familiar with the design of various service architectures
- Understand the advantages and disadvantages of various service architectures

java basics

- Familiar with java reverse mechanism
- Familiar with dynamic proxy mechanism
- Get familiar with servlets
- Familiar with the use of JDK tools

Understand the principle of thread pool

- Understand how threads work
- custom thread pool

JVM performance tuning:

Understand the following core technologies of JVM

1. memory structure
2. garbage collection
3. Class loading and bytecode techniques
4. memory model

Have some experience in JVM performance tuning

Understanding ThreadLocal

- Understand the ThreadLocal source code
- Understand the difference between ThreadLocal and Synchronized
- Familiar with ThreadLocal applications

Understanding NIO

- Understand the difference between NIO and blocking I/O
- NIO principle and communication model

Understand common java framework source code

- Understand Spring IOC source code, can customize IOC
- Understand Spring Aop source code, can customize AOP
- Understand Spring MVC source code, can customize MVC
- Understand Spring annotation development, can customize annotations
- Learn about what's new in Spring 5
- Understand the source code and principle of the ORM framework MyBatis

node.js knowledge

Understanding V8 Diagnostics

- Have a little experience in diagnosing the v8 engine

Javascript/typescript basics

- Proficient in ES6/7, familiar with typescript syntax system and various details of application.
- Proficient in typescript, ES6/ES7 object-oriented programming

node.js serving framework

- Familiar with the use of nestjs architecture, build node.js server development
- Familiar with socket.io to build websocket timely communication application
- Proficient in express.js, loopback.js server-side framework, and proficient in its source code and principles
- Familiar with node.js-based ecosystem tools, such as:
 - java rapid development platform jhipster
 - Webpack
 - rollup

Project experience and practice summary:

- There is a certain billion-level traffic platform design
- Distributed call chain platform

work experience:

2021.1-Present

Location: Omori North, Ota-ku, Tokyo

Position: Senior Java Developer

Technology stack:

javalin, Golang, Typescript

comsDB

react

Work content:

1. business realization
2. Project technology underlying implementation
3. Stress Test Design
4. Project integration and publishing
5. Operation and maintenance
6. Assist others in solving difficult problems

2019.2-2021.1 Guangzhou HSBC Bank

Position:java technical leader

Technology stack:

Golang

springcloud series

mysql

redis

Mongodb

react

Angular

Work content:

1. Technical Architecture Design
2. Project technology underlying implementation
3. Tie subordinates to realize project requirements
4. Project integration and publishing
5. Report to the project manager and assign work to subordinates. Project management
6. Assist others in solving difficult problems

2015.5-2019.2 SurLead Software Company

Position:

Senior Development Engineer

Technology stack:

Golang

springcloud microservice series components, node.js series technology stack database: mysql, Oracle distributed cache: redis-cluster, mangodb log system: logback log management: ELKStack front end: angular series, vue series, ionic series

Performance:

One project needs to be completed every month, and tasks can be basically completed in advance every month with less bugs. Maintain the stable performance of the system: A

Work content:

1. Maintenance of legacy systems, bug fixes, updates to system requirements
2. Lead new people, lead and normally iterate on day-to-day business development
3. Business architecture design.
4. Android, IOS, PC client development.

5. Assist relevant developers to solve technical difficulties and promote the completion of lagging projects.
6. Maintenance work in the development phase
7. Responsible for technical selection and technical architecture

2013.6-2015.2 Ctrip Computer Center

Position:

Mobile full stack engineer

Technology stack:

.Net series, Node.js series Database: SQLSERVER Front-end: backbone, zepto.js

Performance:

Complete Ctrip's international air ticket project, domestic air ticket project, ticket order project, train ticket project, strategy project, and surrounding tour projects. A series of Ctrip businesses such as independent travel projects and hotel projects have been transferred from PC to mobile terminal

Work content:

1. Mobile restfull interface writing
2. The mobile terminal is responsible for technology selection, business framework development, and some component development
3. Mobile business development based on phonegap, daily bug follow-up

2010.8-2013.5 Qunshuo Software Development (Shanghai) Co., Ltd.

Position:

Front-end development engineer

Technology stack:

springmvc, strut2, nodejs database: mysql front end: backbone, zepto.js jquery.js

Performance:

Complete the company's expatriate project and deliver the project on time and according to the quantity

Work content:

1. The main customer is SAP.
2. Maintain the stability of the old SAP project system
3. Follow up the iterative update of old SAP projects
4. Participate in the development of new SAP requirements

educational experience

Academic education:

- 2007.9-2010.6 Shanghai Institute of Science and Technology

International Certification:

- Microsoft Certified Professional
- Microsoft Specialist

Self-evaluation

- Has a strong team spirit, good organization and coordination skills, and a strong sense of collective honor.
- Strong self-learning ability, like to study new technology, dare to face and overcome difficulties.
- Strong adaptability; strong discipline, active cooperation in work; strong will.