

# Resume of Gong Hanjin

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## personal information:

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- Sex: Male
- Email: [richardgong1988@gmail.com](mailto:richardgong1988@gmail.com)
- Phone number: 18588871362
- github address: <https://github.com/richardgong1987>
- Expected position: java development engineer, Golang development engineer
- Software development experience: 11 years+

## Professional ability introduction

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### 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

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- 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

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## 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

# Golang knowledge

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## 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

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## 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**

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### **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:**

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

## **work experience:**

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### **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

**2019.9-2021.1 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

## **2019.2-2019.9 Shenzhen Huafu Information**

**Position: Architect**

**Technology stack:**

Golang

springcloud alibaba technology stack

**Performance:**

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

**Work content:**

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

## **2015.5-2019.2 SurLead Software Company**

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**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

## 2014.6-2015.2 Alibaba-Alipay Shanghai Branch

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**Position:**

full stack engineer

**Technology stack:**

Server-side spring ecosystem, various apache open source projects, node.js ecosystem database: mysql front-end: zepto.js, Ali alia

**Performance:**

Complete (1) Alipay app lottery application. (2) Alipay pc external secured transaction development and launch

**Work content:**

1. Implement business api services, render jsp, vm templates
2. Fix longstanding bugs.
3. Assist relevant developers to solve technical difficulties
4. Responsible for Alipay application business development and serve as development team leader.
5. Write a java rendering template

## 2013.6-2014.5 Ctrip Computer Center

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**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.

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**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**

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### **Academic education:**

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- 2007.9-2010.6 Shanghai Institute of Science and Technology

### **International Certification:**

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- Microsoft Certified Professional
- Microsoft Specialist

## **Self-evaluation**

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- 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.