

# Gong Hanjin's Resume

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## personal information:

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

## Professional ability introduction

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### Algorithm and data structure capabilities

Have a solid data structure and algorithm foundation:

- Algorithm complexity analysis
- Linear data structure, logical data structure, such as: array, tree, graph structure, red-black tree, hash table, etc.
- Have a strong ability to solve basic algorithms. Often challenged on websites such as leetcode, hackerrank, etc.

### SQL knowledge

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- Familiar with the use of MYSQL, ORACLE database products
- Proficient in SQL business table design
- Familiar with the application of SQL addition, deletion and modification
- 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
- Familiar with the core commands of Git
- Many years of Git enterprise application practice
- Familiar with git workflow

## Linux

- Familiar with common commands of Linux operation and maintenance
- Understand Linux users and permissions
- Familiar with Shell script programming

## 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
- Familiar with servlet
- 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 technology
4. Memory model

Have certain experience in JVM performance tuning

### Understand ThreadLocal

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

### Understand NIO

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

## Understand common java framework source code

- Understand the Spring IOC source code and be able to customize IOC
- Understand the Spring Aop source code and be able to customize AOP
- Understand the Spring MVC source code and be able to customize MVC
- Understand Spring annotation development and be able to customize annotations
- Understand the new features of Spring 5
- Understand the source code and principle of the ORM framework MyBatis

## node.js knowledge

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### Understanding V8 diagnosis

- Have a little diagnostic experience with the v8 engine

### Javascript/typescript basics

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

### Node.js service framework

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

## Summary of project experience and practice:

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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-Now now Nissin Systems Co., Ltd.

Location: Omorikita, Ota-ku, Tokyo

**Position: Senior java development engineer**

**Technology stack:**

javalin

comsDB

react

**Work content:**

1. Business realization
2. Bottom realization of project technology
3. Stress test design
4. Project integration and release
5. Operation and maintenance
6. Assist other personnel to solve difficult problems

**2019.9-2021.1 Guangzhou HSBC Bank**

**Position: java technical leader**

**Technology stack:**

springcloud series

mysql

repeat

Mongodb

react

Angular

**Work content:**

1. Technical architecture design
2. Bottom realization of project technology
3. Tie subordinates fulfill project requirements
4. Project integration and release
5. Report to the project manager and assign subordinate tasks.
6. Assist other personnel to solve difficult problems

**2019.2-2019.9 Shenzhen Huafu Information**

**Position: Architect****Technology stack:**

springcloud microservice series component database: mysql, F5 distributed cache: redis-cluster log system: logback log management: greylog link tracking: skywalking

**Performance:**

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

**Work content:**

1. Monthly technology sharing
2. Project technology selection
3. Technical architecture design
4. Bottom realization of project technology
5. Tie subordinates fulfill project requirements
6. Project integration and release
7. Report to CTO and assign subordinate work. Project management
8. Assist other personnel to solve difficult problems

## 2015.5-2019.2 SurLead Software Company

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**Position:**

Senior Development Engineer

**Technology stack:**

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:**

A project needs to be completed every month, and the tasks can be completed in advance every month, and the amount of bugs is small. Maintain the stable performance of the system: A

**Work content:**

1. Maintain the old system, fix bugs, update some system requirements
2. Lead newcomers, lead and iterate daily business development normally
3. Business architecture design.
4. Android, IOS, PC client development.
5. Assist relevant developers to solve technical problems and promote the completion of lagging projects.
6. Maintain the operation and 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, 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. Realize business api service, render jsp, vm template
2. Fix long-standing bugs.
3. Assist relevant developers to solve technical problems
4. Responsible for the development of Alipay application business and served as the development team leader.
5. Write java rendering template
- 6.

## 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 ordering project, train ticket project, strategy project, and surrounding travel projects. A series of Ctrip services such as free travel projects and hotel projects are 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 partial component development
3. Mobile terminal 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 outbound project and deliver the project on time and in quantity

**Work content:**

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

## Educational experience

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**Academic education:**

- 2007.9-2010.6 Shanghai University of Science and Technology

**International Certification:**

- Microsoft Certified Professional
- Microsoft Specialist

## Self-evaluation

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