

GONG HANJIN

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SUMMARY

Accomplished software developer with 13+ years of experience across various industries, including banking, payment, e-commerce, tourism, and traditional games. Proficient in numerous programming languages, such as Java, Python, Golang, TypeScript, JavaScript, HTML5, and CSS, and a strong background in algorithms and data structure. Dedicated to staying current with emerging technologies and best practices. Currently developing SAAS systems for a Tokyo-based company.

SKILLS:

Skill	Years		Skills	Years
Java	11		Spring boot/spring	7
Golang	3		NestJs/expressJs/ koa.js	5
JavaScript	11		Angular/React/Vue	5
TypeScript	6		Html5/Css.x	5
Oracle/ MySQL/Redis/ cosmos DB	5		Agile	3
Docker	5		Azure	1.5
Linux	8		Gitlab	8
Python	3			

Algorithms and data structure skills

Have a solid foundation in data structures and algorithms:

- Algorithm Complexity Analysis
- Linear data structures, and logical data structures, such as arrays, trees, graph structures, red-black trees, DP, hash tables, etc.
- Strong ability to solve basic algorithms. Often challenge on LeetCode contests, hacker rank, 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/GitHub server to quickly build
- Familiarize use 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

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

Understand the principle of the 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 the 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 a 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

EXPERIENCE

Contract Senior Engineer | Nomura Security | Tokyo, Japan | June 2022 - Present

Responsibilities:

- Support colleagues in resolving technical issues and addressing business inquiries
- Execute project technology implementation
- Aid in solving complex problems, project integration, and publishing

Technology stack:

- Utilized TypeScript, Python, SQL Server, Node.js, and Angular14
- Frameworks/library used: Nestjs, Python batch, Angular 14

Achievements:

- Successfully implemented agile development using GitLab, delivering monthly tasks on time
- Tackled the unique challenge of interpreting business requirements expressed in mathematical symbols
- Participated in a highly diverse, international team with members from different countries and cultures

Business:

- Securities and Investment Banking

Contract Senior Java Engineer | Nisshin | Tokyo, Japan | January 2021 - June 2022

Responsibilities:

- Assist colleagues in resolving technical issues and addressing business inquiries
- Implement project technology, design stress tests, and underlying implementation
- Aid in solving complex problems, project integration, and publishing

Technology stack:

- Utilized Java, TypeScript, Golang, and CosmosDB
- Frameworks/library used: Javalin, K6, go frame

Achievements:

- Delivered SAAS module development tasks on time, based on agile development backlog
- Adapted to a Japanese work environment, overcoming language and cultural barriers
- Enhanced code readability and conciseness while working on SAAS architecture projects for the first time

Business:

- Cloud-based HR Solutions

Contract Technical Leader | HSBC Bank | Guangzhou, China | February 2019 - June 2021

Responsibilities:

- Plan project implementation and technical selection
- Resolve technical issues and communicate business requirements
- Report to CTO and delegate tasks to subordinates
- Assist others in solving complex problems

Technology stack:

- Utilized Java, TypeScript, Golang, Oracle, MySQL, and Node.js
- Frameworks/library used: Springboot, Mybatis, React

Achievements:

- Delivered relevant project requirements on time
- Entered the financial industry and adopted

JIRA-based agile development for the first time

- Assumed the role of technical director for an international company, enhancing technical leadership skills

Business:

- Investment Banking

Permanent Technical Leader | SurLead | Manila, the Philippines | May 2015 - February 2019

Responsibilities:

- Communicate business needs and project planning
- Implement project version updates and iterative maintenance
- Report to the CTO and delegate tasks to subordinates
- Assist others in solving complex problems

Technology stack:

- Utilized Java, TypeScript, Oracle, MySQL, and Node.js
- Frameworks/library used: Springboot, Mybatis, Reactjs, Angularjs, Vuejs, Nestjs, Expressjs

Achievements:

- First-time full responsibility for end-to-end project management, including backend and frontend projects
- Improved understanding and implementation of entire software engineering process through technology selection, architecture design, underlying technology design, business communication, and task delegation

Business:

- Software Development, Insourcing, and IT Consulting

Permanent Full Stack Engineer | Ctrip | Shanghai, China | June 2013 - February 2015

Responsibilities:

- Completed various Ctrip projects, including international and domestic air ticketing, ticket orders, train ticketing, strategy projects, and surrounding tour projects

Achievements:

- Worked in the company's framework team, significantly improving codebase and framework development skills
- Developed the habit of reading high-quality source code, applying design patterns, adhering to design principles, and writing highly readable and concise code
- Learned to effectively combine business and framework principles

Technology stack:

- Utilized Java, .Net, SQL Server, MySQL, and Node.js
- Frameworks/library used: Spring, Hibernate, jQuery.js

Business:

- E-commerce, Travel

Permanent Front-end Development Engineer | Qunshuo | Shanghai, China | August 2010 - May 2013

Responsibilities:

- Completed and delivered the company's expatriate project on time and within specifications

Technology stack:

- Utilized Java, MySQL, and Node.js
- Frameworks/library used: Spring, Hibernate, jQuery.js, Backbone.js, Underscore.js, Zepto.js

Achievements:

- Successfully delivered a new SAP childcare project

Business:

- Software Development, Insourcing, and IT Consulting

CERTIFICATIONS:

Microsoft Certified Professional, Microsoft, Date of achievement: 06/13/2016, Certification number: F729-5132

Microsoft Certified Specialist, Microsoft, Date of achievement: 06/13/2016, Certification number: F729-5137

AI, Business & the Future of Work, Lund University, Date of achievement: 02/25/2023,
Certification number: PQWUCLUWX2E6