



Zhiwei Li

28-year-old Male

Expected Position

Machine Learning Engineer /  
Data Engineer / Full Stack  
Engineer

Expected Location

Guangzhou

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Wechat lzwjava

## PERSONAL DETAILS

Location

Guangzhou, Guangdong

## SKILLS

Java

Advanced

iOS

Advanced

Android

Advanced

Javascript

Advanced

HTML

Advanced

Algorithm

Advanced

C++

Intermediate

DevOps

Intermediate

Product Management

Intermediate

TDD

Advanced

Chinese

Expert

English

Advanced

Machine Learning

Intermediate

## PROFILE

- I am a genius. Because I believe everyone is a genius. To be specific, I am an engineer, startup founder, blogger, and lifelong learner.
- I had tracks of excellence in my 28 years of life. I ranked in the top 300 among the 100k students in Guangzhou High School Entrance Exam. And I ranked in the top 300 in NOIP(National Olympiad in Informatics in Provinces) in Guangdong Provinces in my high school. After my first year at Beijing Forestry University(Top 100 of 3000 in China), I dropped out to work in a startup and then create my one. Over three years in the startup industry, I constructed an engineering live broadcast platform that served 30,000 users and led a team to complete 50 small software projects per year, generating annual revenue of 3 million CNY. And now, I am working as a contractor for one of the largest banking and financial services institutions in the world, HSBC Bank.
- Regarding technical experience, I have 6 years of backend engineering experience(4 years Java, 2 years PHP). I also did some Android, iOS, and frontend projects which served people. My English is proficient and I scored 6 on the IELTS exam. And I also solved more than 1000 algorithm problems on LeetCode alike website. I also had DevOps experience while doing my startup. In recent one year, I actively learn Artificial Intelligence and Japanese in my leisure time to raise my bounderies of intelligence.
- Regarding my benevolent and honest personality, I am an easy-going, reliable, and joyful guy who gets along with people well.

## EDUCATIONAL BACKGROUND

Beijing Forestry University **211** 2013-09 to 2014-07

Computer Science | Bachelor



- Built a campus assistant Android application "Bjfu Assistant" that integrates the functions of checking grades, and alumni forums. It has been downloaded and used by thousands of users on campus.
- Built an Android App for learning English by watching movie clips, and won the third prize in a hackathon.
- Ranked as Top 1 in my school's ACM/ICPC(International Collegiate Programming Contest) competition.

Guangzhou Yuyan Middle School 2010-09 to 2013-06

Science | High School



- Ranked as top 300 in 100k students at Guangzhou High School Entrance exam.
- Ranked as top 300 in 2011 Guangdong NOIP(National Olympiad in Informatics in Provinces).

## WORK EXPERIENCE

Farben & HSBC Bank

Full Stack Engineer

2022-11 to Present



- HSBC Bank is one of the largest banking and financial services institutions in the world.

Python  
Intermediate

Go  
Intermediate

Azure & AWS  
Advanced

- I joined HSBC Bank as a contractor via Farben, contributing to the PayMe project. PayMe, an HSBC mobile payment service catering to Hong Kong residents with local phone numbers and banking services, boasted around 2.9 million active users as of November 2022.
- We utilized a strong tech stack including Java, Spring, Kafka, along with Azure, Azure DevOps, and AWS for cloud services and continuous integration.

## Beyondsoft & DBS Bank

Full Stack Engineer

2021-12 to 2022-11



- DBS Bank is a Singaporean multinational banking and financial services corporation.
- Contracting with Beyondsoft, I joined DBS Bank and contributed to DBS Client Connect by developing the equity trading micro-service, and to DBS DigiBank CN by developing several micro-services, including those for mutual funds.
- We leveraged cloud technologies and modern frameworks, employing automation best practices with tools such as Java, Spring Cloud, Jira, Confluence, Jenkins, Pivotal Cloud Foundry, and Kibana, and utilizing BDD and TDD methodologies.

## Freelancer Inc

Freelancer & Engineer

2020-01 to 2021-11



- Did some software projects as a freelancer. Projects consist of a website about a company doing the LED Sign, some modules of an online technical interview platform, etc. Used technologies like Ruby, Ruby On Rails, Elasticsearch, Docker, Netty, etc.
- Wrote technical blogs and shared them online. Learned English by watching Netflix and reading books. Solved some algorithm problems and participated in online algorithm competitions in Codeforces.

## Beijing Square Root Inc

CEO & Engineer

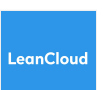
2016-07 to 2019-12



- From January 2018 to December 2019, the team completed nearly 50 small software projects for customers. The types of projects include small programs, apps, websites, and games. Customers include a few big companies and some startups in China. The revenue exceeded 3 million RMB and the profit exceeded 700 thousand RMB. The team had more than 20 full-time or part-time engineers and designers. Responsible for project negotiation, project management, and some software development in the team.
- From July 2016 to September 2017, Fun Live, a live broadcast platform for software engineering lectures, was launched. In one year, nearly 30,000 users were obtained. Started my own business for the first time, and the marketing, software development was mainly done by myself.
- During these years, I used technologies like PHP, Java, Spring, Vue, HTML, Laravel, MySQL, Redis, WebSocket, Aliyun, Spring Boot, MiniProgram, WeChat SDK, and DevOps tools, etc.

## LeanCloud

Software Engineer



- LeanCloud is a leading domestic cloud computing provider. The company serves hundreds of thousands of developer users and has received IDG investment.
- Participated in the development of LeanCloud iOS SDK and Android SDK. Responsible for some Angular frontend projects.
- Responsible for the development of LeanChat iOS client and Android client. This is a chat application set up to demonstrate the communication SDK, with functions such as single chat, group chat, nearby people, etc.

## PROJECTS

### Machine Learning

2021-03 to Present

Owner

- Spent around one year actively exploring machine learning in my leisure time. Listened to a lot of lectures shared by AI industry leaders on topics like Reinforcement Learning, Supervised Learning, Policy Gradient, Neural Networks, Soft Max, Feedforward, Backpropagation, etc.
- Wrote some related blogs on my website, such as <https://lzwjava.github.io/neural-network>, and conducted experiments with famous open-source projects.

### Company Projects

2014-07 to Present

Full Stack Engineer

- PayMe, Java, 2022.11 - Present
- DBS Digibank CN & Client Connect, Java, 2021.12 - 2022.11
- ShowMeBug, Ruby, 2021.07 - 2021.09
- Fun Live & Square Root miscellaneous projects, PHP & Java & Vue, 2016.07 - 2019.12
- LeanChat, iOS & Android, 2014.07 - 2015.10
- The detail can be found above.

### Open Source & Blog & Codeforces

2013-09 to Present

Owner

- I also made some open-source projects.
- I wrote Chinese and English articles (2 English, and 50 Chinese) on my blog site.
- Solved 399 algorithm problems on Codeforces and 568 on Uva Online Judge.
- Links are below.

### English Learning

2013-09 to Present

Owner

- Spent leisure time of 3 years actively learning English using TikTok, Youtube, Netflix, Kindle, etc. And been using Google to search and read English websites for the past 7 years.
- Worked in English for one year in a major international company.
- Got a score of 6.0(Reading Listening Writing 6.0, Speaking 5.5) on the IELTS(International English Language Testing System).

## OTHERS

- GitHub: <https://github.com/lzwjava>

- Blog: <https://lzwjava.github.io>
- Codeforces: <https://codeforces.com/profile/lzwjava>
- UVa Online Judge: <https://uhunt.onlinejudge.org/id/113519>
- LinkedIn: <https://www.linkedin.com/in/lzwjava>
- Youtube: <https://www.youtube.com/channel/UC-jqwnFwWOS4ydgTsQR-9ZQ>