

# Profile

Zhiwei Li

lzwjava.github.io



- **Basic Information:** Male, born in 1995, Chinese citizen, residing in Guangzhou.
- **Competitive programming experience:** Achieved top 300 in Guangdong NOIP 2011 and solved approximately 1000 algorithm problems online, available on UVa Online Judge.
- **Education:** Completed one year of study at Beijing Forestry University before pursuing an associate degree at Guangdong University of Foreign Studies through self-directed learning, successfully completing seven courses and preparing thoroughly for the ten remaining courses.
- **Professional experience:**
  - TEKsystems (outsourced to HSBC Bank): Currently onboarding for a backend engineer position, focusing on developing and optimizing backend systems within HSBC's Enterprise Technology Department. This role involves working with Spring, Spring Boot, Java core, algorithms, Redis, multithreading, networking, Linux, and Google Cloud technologies.
  - Farben Information (outsourced to HSBC Bank): Worked on *PayMe from HSBC*, a mobile payment service enabling users to pay businesses, perform peer-to-peer money transfers, and link their credit cards or local bank accounts through the app, ensuring smooth and convenient payment experiences.
  - Beyondsoft (outsourced to DBS Bank): Contributed to the development of *DBS Client Connect*, an AI- and data-driven customer relationship management platform. Also led the redesign of DBS Digibank CN, enhancing mobile banking functionalities for a faster and more seamless user experience.
  - Beijing Square Root: Founded *Fun Live*, a live streaming knowledge platform that attracted 30,000 users within a year. Transitioned to software consulting, managing over 50 projects for clients such as Yuanfudao, Jiangsu TV, Fenbi Education, and Beijing International Studies University. Played dual roles as project manager and software engineer, generating 3 million CNY in revenue and 600,000 CNY in profit.

- LeanCloud: Responsible for iOS and Android development, focusing on the design and implementation of SDKs of cloud service features, including object storage, file storage, web hosting, containerization, instant messaging, push notifications and SMS services. Improved product integration and operational efficiency across multiple platforms.
- **Experience summary:**
  - 10 years of professional experience, including 8 years in corporate roles and 2 years as a freelancer.
  - Specialized in:
    - \* Mobile engineering: 2 years (Android, iOS).
    - \* Full-stack engineering: 7 years (6 years backend, 1 year frontend).
    - \* Machine learning and big data: 1 year.
  - Proficient in both domestic and international cloud platforms, including Alibaba Cloud, Google Cloud, Azure, AWS, and Tencent Cloud.
- **Language proficiency:** Native in Chinese, proficient in English (IELTS 6).
- **Learning approach:** Eager to learn from fundamental algorithms to large-scale applications involving tens of microservices, as well as cutting-edge technologies like GPT and Transformer-based AI. Focuses on gaining both theoretical knowledge and practical experience.
- **Reading:** Read over 320 books spanning topics such as textbooks, personal development, business, technology, and history.
- **Open-source contributions:** Developed 10 open-source projects on GitHub, each with over 500 commits.
- **Research:** Conducted self-directed research on reversing myopia and natural vision restoration, inspired by Todd Becker and Yin Wang's works, supported by three years of experimentation.
- **Portfolio:** Contributed to or led the development of 20 projects, spanning startup initiatives, personal hobby projects, and large-scale enterprise projects.
- **Writing:** Authored approximately 230 blog posts on topics including programming, software development, and startups, attracting 15,000 page views per month.
- **Life Hacking:** Innovates practical solutions, experiments with affordable gadgets, and introduced English animations to my daughter at 2. Tech enthusiast with Arduino, Raspberry Pi Pico, and breadboards for hands-on projects.
- **Featured in:** Pencil Way's Report and Lieyunwang Report.