

Ke Zhao

613-286-4043, zhao0287@algonquinlive.com

[LinkedIn](#), [Github](#)

PROFILE

- Experienced Java developer with 4+ years of backend experience participating in developing and maintaining financial system. Adept at system design, database design, using various design pattern.

PROGRAM-RELATED SKILLS or SUMMARY OF QUALIFICATIONS

Industry-Specific Skills

- Proficient in Java language, MySQL language, data structure, computer principle, network protocol and other basic content.
- Proficient in Spring Boot, Spring Cloud and other frameworks, able to use Eureka to build microservice-based project architecture.
- Rich experience in high concurrency programming, good at using multithreading to solve massive data scenarios and high concurrency scenarios.
- Proficient in HTML, CSS, JS and other front-end languages, can use React and other popular frameworks to build projects, familiar with front-end and back-end interaction specifications, with C-side development experience.

Additional Qualifications

- Fast paced self-learning.
- Careful thinking, good at data calculation business.
- Good at communication and collaboration with colleagues.
- Quick thinking and problem solving in a difficult or stressful situation, while maintaining a professional and calm demeanor.
- Experience with Microsoft Office (Word, PowerPoint, Excel, Outlook).
- Strong active listening skills in both group and independent settings, with the ability to follow through or follow up with requests.
- Manage time, prioritize tasks, and meet deadlines in an efficient manner.
- Maintain professional and polite relationships with both staff and clients, approaching both with empathy and understanding.

EDUCATION

Computer Program/Diploma Algonquin College, Ottawa, Ontario	2024-05 – Present
Geological Engineering/Master China University of Petroleum-Beijing, Beijing, Beijing, China	2017-09 – 2020-06
Exploration Technology and Engineering/Bachelor China University of Petroleum-East China, Qingdao, Shandong, China	2013-09 – 2017-06

WORK EXPERIENCE

Senior Java Engineer Gaotu Techedu, Beijing, China	2020-07 – 2024-04
--	--------------------------

TASKS

- Optimized financial service codes with strategy, using **design patterns** greatly improve the **robustness** and **scalability** of the system.

- Automated revenue settlement by using **XJob** framework, saving **75%** of labor costs.
- Under China's **double reduction** policy, timely completion of the development of banking supervision system to ensure the timely return of company funds.
- **Led 2 new co-works** to complete daily development tasks, never had project delays or online accidents.
- Responsible for the development of the teacher performance calculation function, which automatically calculated the teacher's salary every month.

AWARDS

- Received a special salary increase due to outstanding work achievements in 2021.
- Selected as excellent employee of R&D department in 2022.

ACTIVITIES

- Participated in the basketball game held by the Software Park as the captain, organized the training of the team members, and finally won the third place among the 16 participating teams.