
TIAN LI

Markham, ON | 437 775 0527 | litianstar@gmail.com

PROFESSIONAL SUMMARY

Over 20 years of experience in the IT industry. Have a strong JAVA object-oriented programming background, master the MVC development mode; be good at website distributed system development, performance optimization;

With more than ten years of experience in technology R&D and management of the top three media groups in China, very familiar with various technical solutions for news websites, CMS systems, SEO optimization, content mining, data analysis and other technologies, and has managed hundreds of servers. Reliable and highly scalable cluster load balancing solution, supports websites with an average daily PV of over 100 million, and has very rich practical experience in operating cost control.

At the same time, I also has many years of experience in the development of social networking sites, with over 10 million registered users, proficient in database design, familiar with multi-threaded programming, cache applications, asynchronous message systems, Hadoop and other distributed technologies

Self-starters who can learn new technical knowledge quickly, have experience working in agile teams, can clearly understand problems and find positive solutions, can explain complex technical systems in a way that non-technical people can understand.

CORE COMPETENCIES

- Master Knowledges of MVC patterns design
- Experienced working in Agile Teams
- Network Security Experience
- Knowledges of Business Data Analysis
- High Performance systems Design
- Strong knowledge of Search Engine Optimization (SEO) and relevant algorithms
- SpringBoot, IDEA, Eclipse, Hibernate, Mybatis
- Apache, Nginx, Tomcat, Jboss, Docker
- MySQL, MS SQL Server, MongoDB, Redis
- Git, SVN, Postman, Maven
- Linux, CentOS, Shell script
- CDN, Firewall, VPN, DDoS
- ECS, RDS, FireBase
- NLP, Hadoop, Spark

RELEVANT SKILLS & EXPERIENCE

- Java, PHP, C#, Javascript, Swift
- NodeJS, RestAPI, JSON, REACT

Development

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- Use SpringBoot framework, JAVA language, IDEA development tools for back-end component development
- Design data structure based on Mysql/MS Sqlserver for persistent storage
- Use the Hibernate framework for DAO implementation, and use JPA+Atomikos to implement distributed transactions
- Use Redis+LRU algorithm/MongoDB for high-frequency interactive data processing scenarios and caching
- Develop API based on RESTful specification, handle data transmission in JSON format, and use shiro to handle authentication and authorization
- Use ActiveMQ/RabbitMQ to achieve loosely coupled cross-platform information exchange between systems
- Use NodeJS framework and React class library for UI front-end component design and development
- Use Postman for front-end and back-end debugging, Git to manage code versions and branches
- Manage entire project POM with Maven specs

Performance Optimization

- Use Nginx to process static content, Apache to process dynamic programs, CDN static image and video acceleration methods, and optimize the distributed system of websites with high traffic, high load, and high scalability
- Use Linux Shell combined with RabbitMQ framework to realize data synchronization consistency check and asynchronous information transmission between systems and cluster servers, avoiding blocking coupling between systems
- Custom server support for Redis/MongoDB using large memory and high-speed hard disk
- Use Docker to simplify deployment, enhance elastic processing performance, and use Zabbix/Nagios automated operation and maintenance monitoring platform to achieve log analysis, performance monitoring and early warning, and fault node processing

Data Analysis & SEO

- Use web crawler technology and lucene full-text search toolkit to extract content, use IKAalyze word segmentation tool to grab hot words, and continuously improve SEO hot word database
- Through NLP technology, asynchronous extraction and clustering of thesaurus can be performed to automatically provide editors with news topic scores, associative phrases, and seo word recommendations.
- According to the log analysis tool and SEO thesaurus, asynchronously update the keywords module of the news template engine in the CMS system to achieve semi-automatic SEO work

WORK HISTORY

IT VP | www.takungpao.com, Beijing, HK

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Markham, ON | 437 775 0527 | litianstar@gmail.com

Technical Director | www.huangiu.com, Beijing

Technical Director | www.baihe.com, Beijing

IT Manager | www.sina.com.cn, Beijing

EDUCATION & TRAINING

Software Engineering Technician

Centennial College, Canada

Degree in Computer Science

Northeastern University, China