

Guoqiang (Robin) Chen

Backend & Blockchain Developer

Mail: cgq@pku.edu.cn | Tel: +86-15029908952 | Site: robinchen95.com

SUMMARY

- 3 years' experience as a backend software developer.
7 years' education in software engineering.
- Built high concurrency microservices:
Highest one with 78K QPS and 1.8B daily requests.
- Led core QQ systems with 3B+ accounts.
- Trilingual (Chinese/English/Japanese).

CORE SKILLS

- Languages: Golang also C++, Java, Python, Solidity.
- Components: Linux, Docker, Redis, Kafka, Cloud Native, CI/CD, Blockchain, Smart Contract
- Domains: Account/Auth, Login Notifications, Profile Services, Content Feeds

EDUCATION

Peking University MEng Software Engineering
Sep 2018 – Jul 2021

Xi'an Jiaotong University BEng Software Engineering
Aug 2014 – Jun 2018

LANGUAGE LEVEL

- Chinese Mandarin: Native
- English: IELTS Band 6.5 (7.5/6.5/6.5/5.5)
- Japanese: JLPT N2 (working towards business fluency)

VISA ELIGIBILITY

Full-time work permitted via:

- UK: HPI (eligible: Peking University)
- Japan: J-Find (eligible: Peking University)
- Hong Kong: TTPS (eligible: Xi'an Jiaotong University)

WORK EXPERIENCE

Tencent

Backend Software Engineer

Aug 2021 – Aug 2024

- Performed as backend software engineer across infrastructure and business services for QQ.
- Led core modules for QQ including: QQ Account, QQ Face Recognition, and QQ Login Notification.
- Contributed to QQ Channels, Status, and Live.
- Awarded Social Product Department "Star" Award.

PROJECT EXPERIENCE

QQ Account System

Jan 2023 – Aug 2024

- A longest-standing system, with massive legacy code and extremely high traffic
- Optimized critical workflows (revocation, recycling, registration etc.); migrated key modules to cloud-native (containerized, streamlined workflows).
- Reduced daily user feedback to single digits; long-term stability for 3B+ accounts.

QQ Channels

Jun 2022 – Jan 2023

- Profile service for tens of millions of users; reliable data storage and access at scale.
- High concurrency data access services (single service up to 78K peak QPS, 1.8B daily requests); co-built the generative feeds system with the AI team.

ADDITIONAL EXPERIENCE

Career Break

International Career Preparation

Sep 2024 – Aug 2025

- Undertook a solo backpacking journey across the UK, Ireland, HK, and Japan to uncover new work and life.
- Passed IELTS and JLPT N2 certifications.
- Refreshed blockchain knowledge from master's research and stayed with cutting-edge frontiers.