Hanting Cong

- Mobile：+86 13581793544
- Email：conghting@gmail.com
- Blog：http://blog.vita-engine.com (Chinese)
- Github：https://github.com/conght
- Position Applied：Senior Developer Engineer

Education

- 2012 - 2015 MS in Computer Science, School of Computer Science and Technology, Beijing University of Posts and Telecommunications
  - The First Prize Scholarship
- 2008 - 2012 BS in Network Engineering, School of Computer Science and Technology, Beijing University of Posts and Telecommunications

Experience

Xiaomi (2016.08 - Present)

Position: SDE (Backend), Team: MiLive, Major Language: C/C++

Revenue System of MiLive

The revenue system is the general term for a series of core projects in MiLive, including recharge & purchase & withdraw & risk control etc. I have been working on these projects since I joined Xiaomi on 2016.08, and been in charge of the revenue system in the beginning of this year. Now I am the leadership of a team which contains two developer. I am responsible for,

- Accessing more than 10 kinds of popular third-party financial services in China and aboard; Refactoring the architecture of recharge service, which improved the success rate significantly.
- Designing and implementing new services, such as red-envelope & one-by-one-pay-chat and so on.
- Optimizing the architecture of the revenue system to make them more reliable and turning them into mircoservices architecture. Other apps of our business group could access these financial services insteal of building their own.
- Setting up monitoring for each core revenue system module, could monitor the real-time success rate.

In this work experience, I have summed up a set of business models suitable for revenue proejcts which can effectively improve business success rate. After becoming the project leader, via standardizing the development process and sorting out the past experience, we improved the project quality significantly. There is ZERO online-bug about core revenue projects until now.

Message System of MiLive

Message system includes downstream-push and IM etc. I took charge of the message system in the beginning of this year. From that time on, my efforts center on these two jobs:

- Reforming the IM in app, making the IM service have the ability to save historical chat message and support chat record roaming; Optimizing the architecture to increase messages arrival rate.
- Strengthening the monitoring of pivotal nodes and services.

Garbage Text Anti-Spam

For solving the problem of garbage text, I used the Google open source machine learning framework TensorFlow, merged several deep learning models such as TextCNN, took the real online data as training data-set, trained a model that can identify garbage text. The highest accuracy of the model can reach 96%.

ICBC Software Development Center (2015.7 - 2016.8)

Position: Full-Stack, Team: Overseas Online Banking, Major Language: Java

ICBC Asia, One-stop Remittance Service

ICBC Asia is the Internet bank provided by ICBC for Hongkong area. One-stop remittance service is a new transfer tool that combines three transfers: transfer, remittance and ICBC Express.

I am responsible for all the development of the front end and back end. The front-end was developed by jQuery library, the back-end was Java. The technology stack is WebSphere+BTT provided by IBM.

Skills

- C/C++ Development：STL/Boost/Protobuf/MakeFile/CMake
- Debug Tools & IDE：GDB/strace/VIM
- Other Language：Java = Python > PHP = Node
- English：CET-6
- Database：MySQL/Redis
- Version Control：Svn/Git
- Unit Testing：JUnit