

Summary

- 5 years hands-on experiences in large scale, high volume transaction payment systems development. Experienced the evolution of architecture from SOA to distributed architecture, best practices of continuous availability and high performance.
- Hands-on design, coding and testing in using Java, familiar with common development framework such as Spring and general concepts of OO, SOA, Cloud and distributed computing.
- Focus on graphic design and robot during graduate, learning C++, OpenGL, OpenSceneGraph now.

Education

The George Washington University
Master of Science in Computer Science

September 2015 - May 2017
DC, USA

Harbin Engineering University
Bachelor of Management in E-Commerce

September 2006 - July 2010
Harbin, China

Experience

Alipay.com (Alibaba Group), Senior Software Engineer

June 2013 - May 2015

3rd Architecture Project - Java, Oracle, MySQL

- Designed and implemented the new payment platform of Alipay.com, which processing 80 million transactions per day.
- Designed and built the clearing center of Alipay.com, which is responsible for reconciliation with the banks and enterprises.

Performance and Failover Project - Java, Oracle

- Used database sharding and cache, optimized transaction and business, to meet the payment with 1.5w/second.
- Designed and created a failover solution with DBA, making system has fault-tolerant, which particularly important to a huge payment company. It already used more than three times.

Alipay.com (Alibaba Group), Software Engineer

July 2010 - May 2013

Accounting Center Project - Java, Oracle

- Designed and implemented the accounting center. When completed, it became the best system of annual in company because of its scalability and test coverage.

Payment Database sharding Project - Java, Oracle

- Implemented the first database sharding project in Alipay.com, splitting in 3 databases and 100 tables. This is first attempt to put the core financial system's database on the PC server.

Honors

On the job

July 2010 - May 2015

- Individual Award for Unique Design of Technique Department
- Most Excellent Team Award at the whole Technique Department
- Champion of Alibaba Football Match on behalf of Alipay

Academic

September 2006 - July 2010

- Schools First-class Scholarship and Second-class Scholarship once respectively and Third-class Scholarship four times
- First Prize of Heilongjiang Multi-media Courseware Competition
- Third Prize of Schools Mathematics Contest