**Yi HE** Mobile Number: (044) 7801749626 Email:hy10121012@hotmail.com

**PROFILE**

Result-driven personnel with application development background crossing various types of projects., experienced on developing comprehensive algorithms and data-processing logic. Well understanding of financial products and financial knowledge, keen to catch opportunities to apply the skills accumulated through pass experiences in banking technology fields and make significant impacts.

**TECHNICAL SKILLS**

**Languages/Script:** Java, J2EE, JSP, PHP, JavaScript, HTML(5), CSS

**Frameworks:** Spring, EJB, Hibernate, JQuery, PHPQuick (Self developed PHP Framework)

**OS:** Windows, Linux/Unix, Mac OSX

**Database:** Oracle, MySQL

**High Speed Caching Storage (NoSQL):** MemCache, Redis

**IDE:** Eclipse, NetBeans, IntelliJ

**Methodologies:** OO, Agile, Project Development Cycle, Test Driven Development (TDD)

**Server Technologies**: Apache, Nginx, Jboss,Jetty,JVM turning

**Messaging:** Websphere MQ, Mule, JMS

**WORK EXPERIENCE**

**J.P Morgan Chase & Co. *London***

*Technology Analyst* ***Sep.2011-Present***

***Prime Global Portfolio Swap***

J2EE based position recording platform for Prime Brokerage equity derivatives business. It also generates end of day and intraday cashflows reports for downstream systems.

* Participating ongoing system development, provided improvement suggestion to existing system, responsible for core data feeding migration and sub system development, involving all aspects of development lifecycle (requirement gathering, designing, implementation and testing)
* Taking responsibilities on L3 supporting on regular base.
* Deeply using Core Java and J2EE technologies such as Spring (MVC), Hibernate, and EJB etc. in daily development.
* involving in performance tuning, analyzing system, provide workflow optimization solution and implementing application, I/O and external dependency level system optimizing.
* Built system batch remote console with Java sevlet/jsp.
* Taking end to end full ownership of reference data migration project within the team, moving reference data sourcing from legacy data center to new generation Reference Data system using messaging technologies, like SpringJMS, WMQ, Mule with multithreading mechanism.
* Communicating with other teams intensively, organizing weekly and monthly meetings, giving high quality feedback and catch changes.

**Shanghai Xingyi WebGame Technology Ltd. *Shanghai***

*Co-founder/CTO* ***Mar.2009-Aug.2010***

Founded gaming company with business partner, titled head of product development, led product developments and played key role in different phases of project development cycle. Decided technical strategies for products developed in company, pitched to business partners to win cooperation opportunities.

* Supervised 3 projects developments,9 developers.
* Won a chance for company to cooperate with industry giant Shanda Interactive Entertainment Ltd by liaised directly with the CEO and demonstrated solid quality of product.
* Developed companywide used PHP and JavaScript tailor made frameworks, accelerated game development speed for 30%.

***Seven kingdoms, Dreamed Horses racing, Stars Factory***

Massive multiplayer Strategy game, allows players create countries and conquer other players.

* First self developed game for the company which normally takes 3 developers, with Java2SE, PHP, MemCache, MySQL, and web front end technologies such as Javascript (Ajax), HTML and CSS.
* Dealt with high concurrency situation, with 2500 average online players per server, 5000 on peak.
* Dealt with 10000 concurrency user requests per second and reduced responding time to acceptable level.
* Coordinate analysis, UI design and code inspections
* Team lead of the project, monitoring the development team of 3

**Smile-on Ltd. *London***

*Web Developer* ***Jun.2008- Mar.2009***

Participated ongoing projects development in various phases included coding, testing, deploying and maintaining, contributed to the internal system re-engineering project.

* Developed complex web application using PHP and frontend technologies, researching on new popular technologies in the industry, managed project progress and report to senior level.
* Maintained 3 different web systems daily, including data backup, statistic monitoring, applied emergency fixes.

*Placement****Jun.2006- Aug.2007***

Joined company as placement student before final year degree studies, undertook core web application development responsibilities after core developer left the company.

* Developed multiple web applications with PHP and HTML and MySQL.
* Undertook Search Engine Optimization (SEO) task. Successfully raised website Google ranking to the top 30 on target keywords.
* Named best placement student in last 10 years of company history.

**EDUCATION**

**Master of Science in Analysis Design & Management of Information System *Sept.2010- Aug.2011***

*London School of Economics and Political Science with result: merit*

* Courses include information system management, innovating system development, social study and Financial Accounting, Reporting.

**Bachelor of Computer Systems and Networks *Sep.2004 –Jul.2008***

*University of Plymouth graduated with 2:1 (second class upper) grade*

* Courses include computer programming, networks system studies, electronic system studies, business law and computing mathematics.

**EXTRA CURRICULAR ACTIVITIES**

**University of Plymouth CSSA vice president  *Jun.2004-Sep2006***

* Responsible for student events organizing and external liaison.

**LANGUAGES**

**Languages:** Mandarin, Cantonese, English