

Personal Information:

Name: Weng, Chang He (Ray)

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Location: Toronto

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HIGHLIGHTS:

- ✓ 10+ years' experience of designing, developing and maintaining PaaS and large-scale enterprise applications in Java.
- ✓ Rich knowledge on software systems in Banking and Telecom industry.
- ✓ Good at system diagnostics, issues troubleshooting and performance tuning.
- ✓ Strong knowledges of Java programming, Java EE specifications and frameworks such as
 - Spring Framework, Spring Boot, Spring MVC, Spring Data
 - Servlets, JSP, Java RESTful Web Service, JMS
 - JPA, Hibernate, Java Transaction, Java Validator
 - Java Concurrency
 - Java Collections Framework, Java IO/NIO/AIO, Java Reflection
 - Java Security
- ✓ A devotee of Design Patterns
- ✓ Solid knowledge of various tools, platforms and methodologies related to DevOps:
 - Agile Methodologies, SCM, CI, CD, APM, Automation
 - Communication, Collaboration, Integration
 - Git, Maven, Jenkins
 - Hands-on skills on AWS and IBM cloudburst.
 - Oracle, MySQL, DB2, Redis, Coherence
 - Linux, AIX, HP-UX, shell scripting
 - Apache, Tomcat, WebSphere Application Server, WebLogic, JVM

Work Experience:

Sept. 2011 ~ Apr. 2018 -Principle Software Engineer, China Minsheng

Bank

- ✓ Work as developer of Enterprise E-Banking and was responsible for building up the quick payment module. Every day, millions of customers use this channel to pay online especially on Nov. 11. This module is large scale, high available and large concurrency.

- ✓ Work as core develop of EMU which bridges all the requests from digital channels (e-bank, mobile-bank, direct-bank, call center) to core banking system. EMU composites more than 1000 transactions with different interfaces and plays an important role on core banking system migration. EMU has extremely high-performance and reliability requirements.
- ✓ Work as designer and core developer of mobile-bank. Mobile-bank is the first channel of CMBC and has more than 30 million users. The biggest challenge is to build a reliable application on variable requirements.
- ✓ Main technologies related: Stateless service, Performance tuning, JMS, WebSphere MQ, DB2, JVM, Linux monitor, WebLogic, Apache, Nginx, JMS, cyber-attack, MySQL, Oracle, Zabbix and patrol, Redis, Dubbo, Zookeeper, DevOps

Jan. 2010 - Aug. 2011 - Senior Software Engineer, Oracle R&D

- ✓ Work as a senior software engineer for OCTS (Oracle Communication Technique Server) which is classified as a next generation application server for hybrid networks targeted both fixed and wireless market segment. OCTS is built up on SIP and SS7 with OSGI bundles. It is a large scaled, high availability, high concurrency and high security platform.
- ✓ Work in delivery activities in the product life cycle: requirement, design, development, functional testing, performance testing and deployment
- ✓ Main technologies related: OSGI, Restful Service, SIP, SS7, Java Concurrency, Coherence

Apr. 2007 - Dec. 2009 - Software Engineer, IBM CDL

- ✓ Work as a software engineer for Reusable Asset Management Tooling which is a RCP tooling based on reusable assets and help industrial specialists to develop their own business processes easily. This product wins IBM Bravo Award on 2008 and fires a patent later.
- ✓ Work as core developer for GMCC (Guangdong Mobile Communication China) NG-CRM which is an important part of NG-BOSS (Business Operation Support System). This project defines the life-cycle of customer business opportunity on top of IBM's process engine: WPS and policy management tool: Fabric.
- ✓ Work as designer and developer for Cloudburst/TSAM based cloud computing solution. Cloud computing is a style of computing in which dynamically scalable and often virtualized resources are provided as a service over the Internet. TSAM (Tivoli Service Automation Manager) is traditional virtualization platform of IBM and Cloudburst supports BPM (Business Process Management) provisioning. On top of Cloudburst, this project provides tools and platforms for PaaS (Platform as a service) abilities.
- ✓ Engage in the day to day requirement, design, development, testing, code review, maintenance and customer support work in an Agile environment;

- ✓ Communication and cooperation with teams across different groups
- ✓ Main technologies related: PaaS, IaaS, SOA Process engine, Policies base development, Java Concurrency, DB2, Unix, Spring, Spring MVC, JQuery, JSP, HTML, CSS, WebSphere Message Broker.

Jan. 2006 ~ Dec. 2006 - Intern, Sybase FFI

- ✓ Work as an assistant software engineer for backend integration system(BIS) which is dynamic policies based ESB between E-Banking and back end systems. BIS is also used to control and monitor the service flow. It is a large scaled J2EE application.
- ✓ Build up Logging module and act as SCM Administrator (Configuration management, Defect management, Software build, deploy and support)

Education:

- Master Degree, Software engineering and project management, BeiHang University, China, 01/2007
- Bachelor Degree, Software engineering, Beijing Institute of Technology, China, 06/2004

Achievements & Activities:

- Top contributor of IBM, Jun. 2009
- PMP Certified, 2011
- Excellent project manager of CMBC core banking, Jul. 2013
- ITOM Certified, 2014