

Zichen Wang

Software Engineer

Chicago, IL - Email me on Indeed: [indeed.com/r/Zichen-Wang/f1066b54257b7fa0](https://www.indeed.com/r/Zichen-Wang/f1066b54257b7fa0)

- Highly self-motivated and results-driven software engineer with 5 years' experience of providing large-scale high-performance IT solutions development and IT service.
- Detail-oriented, analytical and methodical with critical thinking to resolve work issues under stress.
- Flexible with quick learning abilities to reach high productivity levels in fast-paced work environments.
- Well-organized and resourceful with multitasking skills that optimize limited resources to achieve outstanding results from concurrent tasks with or without supervision.
- Strong communication skills that inspire confidence while forging teamwork synergies with colleagues across diverse ethnicities.

Willing to relocate: Anywhere

Sponsorship required to work in the US

WORK EXPERIENCE

Software Engineer

UFORTUNE CONSULTING - Chicago, IL - October 2016 to Present

- Design & develop backend systems using J2EE frameworks, Linux (OSv) kernel and hardware virtualization systems (KVM)
- Wrap backend logic into interfaces, and expose these interfaces using webservice with REST API
- Conduct extensive studies on cloud computing and develop models and enhancements for server-side applications.
- Conduct various performance tests to improve system resource utilization
- Collaborate with hardware engineering group and OS systems administrators to ensure proper operating parameters for newly developed or enhanced applications.

Software Engineer

CLOUDPARTICLE - Mountain View, CA - September 2015 to October 2016

- Participated in developing an online/offline ticket selling system with positioning system integration using Java, MySQL thereby reducing associated computing resource utilization cost by 20%.
- Provided application development services on smart devices, collaborating with a team of programmers.
- Interacted and collaborated with users and business managers in understanding needs and customizing/developing business solutions that address those needs.
- Provided regular status updates on development projects and assisted users in user acceptance testing.

Software Engineer Intern

STONE RIVER, INC - Chicago, IL - September 2014 to October 2014

Developed insurance portal software modules using Dojo, C#, and Microsoft SQL-Server.

Software Support Engineer

SOFTTEK INC - BEIJING, CN - January 2012 to May 2012

- Participated in developing of several clearing systems using J2EE, Pro*C & Oracle Database.
- Developed a web-based management system, including device monitoring, process management, financial, and enterprise reporting

- Supported the Account Payable Self Service System (APSS) for global clients and vendors of General Electric
- Provided technical solution for APSS users via E-mail, conference call, and screen sharing
- Documented root cause for Level 3 incident via ServiceNow troubleshooting system
- Identified and developed system upgrading patch for repeatedly reported issue for APSS
- Proactively communicated and cooperated with other support teams

Software Engineer

HUATENG SOFTWARE & SYSTEM - BEIJING, CN - November 2008 to April 2012

- Enhanced a payment system UI for BMAcc using J2EE & Oracle, reducing user-related issues by 20%.
- Remodeled a credit card system for BOC (Bank of China) using J2EE, Pro*C, and Oracle Database. Implemented new card specifications for improved reliability and security, developing a distributed card issuing system that reduced nationwide card delivery within seven days.
- Cooperated with multi-national vendors of BOC in system design, implementing, testing, and deployment.
- Remodeled bank draft, and promissory notes subsystems of BOC
- Remodeled the control module of the central clearing system of BMAcc containing 400 sub-modules, and implemented in Struts, Spring, Mybaits, ExtJS, Pro*C, Web Service, Oracle DBMS
- Remodeled a transaction fee system for account receivable aging, defining and developing flexible fee rates, interfaces for e-payment, e-voucher interface, and enterprise reporting using Spring, Hibernate, ExtJS, and Java Mail.
- Provided technical support to 5 product databases, 2 test databases, and 1 disaster recovery database using automatic shell script
- Led a team of engineers in designing and developing a real-time monitoring sub-system for BMAcc using web service, Unix shell commands, Oracle system tables, the Java Mail, and the GPRS AT instructions
- Developed an auditing system using Oracle and SAP Business Objects
- Developed a transaction fee system to realize configurable rates and discounts and generate payment •
- Remodeled the disaster recovery system for the clearing system

Software Developer

BEIJING GAS GROUP - BEIJING, CN - July 2006 to January 2008

- Developed and maintained construction project management systems using C#, Microsoft SQL-Server
- Developed a real-time remote equipment monitoring system using GPRS modules.
- Created and maintained design documents, including workflow diagrams, ER diagrams and user guides
- Provided training to system users and administrators

EDUCATION

M.S. in Computer Science in Computer Science

UNIVERSITY OF ILLINOIS - Chicago, IL
2015

B.S. in Computer Science in Computer Science

BEIJING UNIVERSITY OF CIVIL ENGINEERING & ARCHITECTURE - Beijing, CN
2009

SKILLS

.Net (Less than 1 year), C (Less than 1 year), DATABASE MANAGEMENT SYSTEM (Less than 1 year), DBMS (5 years), Documentation (Less than 1 year), Java (4 years), C# (3 years)

ADDITIONAL INFORMATION

KEY EXPERTISE

Software Development • Process/Workflow Improvement Visual Studio, SVN, Git, Maven
• Systems/Business Needs • Continuous Quality Improvement Uni-Kernel, KVM
Analysis • AGILE/Scrum Methodologies • OS: Windows, Linux, OSv
• Prototyping, Development, Technical • DBMS: Oracle, MySQL, MS-
Installation & Configuration • Languages: Java, C#, C/C++ & SQLServer
• Performance & User Acceptance SQL • OO Programming
Testing • Tools & Frameworks: Struts, • Cloud Computing &
• Technical & User Manual Spring, Hibernate, MyBatis, .Net, Hardware Virtualization
Documentation ExtJS, DOJO, BigData, Hadoop,
• Post Implementation Support Tomcat, Websphere, Eclipse,