

Wang Wei

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Birthday: 1980.11 **Gender:** female **Native Place:** YanTai, ShanDong

University: Peking University

Degree: Master of Software Engineering

Major: Software Engineering - Network & Communication Engineering

Job intention: Software Configuration Management /Continuous Integration/DevOps/
Agile

Work Experience: 9 years

2006.5 ~2015.1 : Schlumberger Technology (Beijing) Limited

2006.5~2011.11: Baseline Engineer - Team Leader

2011.11~2015.1: DevOps team

2015.1~up to now: Co-partner in bluedatax until June 2015, then Technical Director in UMEBox.

Skills:

Prototype Tools: Axure, Justinmind

CI Platform: familiar with **Jenkins** (Hudson), **CruiseControl.Net**, known about TeamCity.

Version Control Tools: familiar with internal SCM tool and **Mercurial**, **TFS**, **Git**, known about SVN, CVS, and Perforce.

Script language: **NAnt**, **Perl**, **Batch** script, XML, html, known about PowerShell, VBScript, JavaScript etc.

Programming language: C#, ASP.Net

Database: familiar with SQL Server

Installation Kit Tools: **InstallShield 2010**, **WIX**.

Infrastructure: familiar with **VSphere**, **VCenter**, **HyperV**, known about chef, puppet and MDT tools, and **infrastructure as code** development.

Requirement Management Tool: **Borland CaliberRM**

English: Intermediate English reading, writing and speaking in daily work communication.

5 year CI experience + 2 year Scrum experience and pair programming experience + 1 year operations experience.

Work Experience in BluedataX and UmeBox Company:

Position: Product Manager

Collect user requirement, write documentation, produce product prototype and divided modules to direct product development.

Complete 1 mobile app (ios, android) development. Help develop OA system for current company and direct mobile application development for O2O retail terminal.

Work Assignment in Schlumberger:

1. Operations (Infrastructure as code):

- a) Script the whole VM life cycle (including: VM creation, configuration, software installation and updating and recycling, etc.)
- b) Write script to monitor VM status and generate web report.
- c) Provide web site and script to users for them to clone and deploy VM.
- d) Use chef/puppet to update existing machine environment.

2. Software Configuration Management & Version Control

- a) Provide internal Version Control Software (OmniWorks) training and technical support.
- b) Develop version control software plug-in (.Net platform, C#)
- c) Provide project configuration management solution for internal projects.

3. Continuous Integration

- a) Set up and maintain Continuous Integration (CI) process for all internal projects.
 - ◇ Projects scale: 1 large-scale project (lines of code > 5million) + more than 50 internal projects
 - ◇ CI Platform: **CruiseControl.Net, Jenkins**
 - b) Compose project build script (NAnt) and trouble shooting.
 - c) Develop&Maintain CI process management tools:
 - ◇ CI process management tools - help automate the whole build process
 - ✓ **Skills:** Perl, PowerShell, VBScript, **Batch** script.
 - ◇ Develop Build Management WEB System: provide a unified portal for submitting and managing build requests, and managing baseline configuration.
 - ✓ **Skills:** C#, MVC, XML, SQL Server 2005
 - d) Improve CI process:
 - ◇ Propose&Implement incremental build solution.
 - ◇ Continuous Integration environment Virtualization
 - ✓ Propose **Virtualization** solution: compose requirement document to analyze hardware, software, network requirement, provide network architecture and choose Virtual Machine software etc. Automate hardware configuration, including **Infrastructure as code**.
 - ✓ Implement CI Backup and Recovery plan.
 - e) Integrated the following annalistic tools into CI process:
 - ◇ Code obfuscation tools: DotFuscator
 - ◇ Test tools: MSTest, NUnit
 - ◇ Code coverage tools: MSTestCoverage, NCover
 - ◇ Code analysis tools: FxCop, SourceMonitor
 - ◇ **Installation kit tools:** InstallShield 2010 (Install Script), WIX.
4. **Quality Management Tools Development**
- a) Quality Metrics:
 - ◇ **Function:** automate the process of analyzing daily build report, extracting data from daily build report and generating software quality report: Unit Test Result, Code Coverage, Code Complexity, Code change, and daily build count, etc.
 - ◇ **Skills:** SQL Server 2005, SQL Server Reporting Service, C#
 - b) Bugs Metrics
 - ◇ **Function:** provide 7 graphs for each project to show trend graph of bug's statistics and bugs history. Those graphs will help release manager to track and decide whether product meet the release requirement or not.
 - ◇ **Skill:** C#, html, SQL Server 2005, Oracle.
5. **Requirement management:** be familiar with Borland CaliberRM

Internship:

Company: Bell Labs Project: Instant Messaging system base on XMPP

Personal Interests & Personality:

Interests: Handwriting, Chinese Painting, Reading.

Personality: highly team responsibility and creativity, full of energy and a nice and patient person.