Haijun Deng

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PERSONAL DATA

Date of Birth: Sept. 1979
Gender: Male
Date of Graduate: May 2004

OBJECTIVE

Test Automation Manager

SELF DESCRIPTION

1+ Year team management, 2+ years test automation, 5+years continues building, 8+ years software development and testing.

EDUCATION & WORKING HISTROY

2/2011-present **JDSU**
7/2005-2/2011 **Nokia SIEMENS Networks**
4/2004-7/2005 **China Academy of Telecommunication Research**
9/2001 – 4/2004, **BEIJING UNIV. OF POSTS & TELECOMM., CHINA**

> **Degree**: Master of Engineering
> **Advisor**: **Prof. Gu Wanyi**, Dean, School of Telecommunications Engineering

9/1997 - 7/2001, **BEIJING UNIV. OF POSTS & TELECOMM., CHINA**

> Degree: B.S. in Communication Engineering

PROJECTS AND R&D EXPERIENCE

1. JDSU (2011.2~NOW) Senior Software Engineer

> *Project Description:*
> SS7 network monitoring system development.
> *My roles- principle developer*
> Porting C/C++ programming on HP-UX to Linux.
> Development for new features: new protocol to support, new client GUI.
> Bug fixed for legacy code.

2. NSN FMC SyVe (2009.1~2011.1) Senior Software Engineer

> *Project Description:*
> Test Automation Framework and test cases for FMC/IMS solution test.
> *My roles:*
> 1 Years duty Project and team leader:
> Summarize the requirement, discuss and define the sprint tasks, review the quality and procedure of sprints, investigate and integrate automatic tools.

2 Years Principle Developer (overlap with above):
Develop Test Automation Framework, define automatic test case, regression test cases in MQC and report bug in ClearQuest, cross-team training for automatic test.

3. NSN ACI (Element Management System for Access Network)(2007.11~2008.12) Software Develop Engineer

Project Description:
Database interface porting from OO-DBMS (Versant) to RDBMS(Oracle/PostgreSQL).
Client GUI (Java program) refactory - porting from RPC to JMS.
My roles - principle developer :
Develop Adapter layer: programming on C++ by Windows Visual Studio.
Develop client GUI: NE/Component tree panel programming on Java by Eclipse.
Setup Daily Build Environment: hudson+maven+ant+JUnit.

4. NSN/SIEMENS COM MN R&D PCS5000 (2005.07~2007.11) Software Develop Engineer

Project Description:
Develop IMS PDF server on SUSE/Solaris using C++
My roles:
Develop Go/Gq/Gx interface-protocol stack based on COPS, multi-thread and socket programming are involved.
Develop bash/ksh and expect scripts to do auto installation and configuration.
Deliver the daily build package from the CruiseControl

PROFESSIONAL KNOWLEDGE

- Master with TDD, Agile process, Test Automation and Continuous Integration.
- Master with UNIX (Linux and Solaris) Administration.
- Master with protocol: IP/TCP, SIP, Diameter and COPS.

DEVELOPMENT SKILL

- Skillful in automation testing tools: QualityCenter, QuickTestPro, Robot Framework, Selenium and AutoIt;
- Skillful in developing UNIX/Linux C/C++ program;
- Skillful in scripts (Python/Bash/tcsh/ksh/perl/tcl/expect).
- Skillful with VCS (ClearCase, Subversion and git).
- Skillful with Fault Tracking Tools (ClearQuest, Bugzilla, CMSuite)