Jason Wu

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Objective

A position in the field of software development with special interests in telecom or business applications programming, information processing, and Internet technology.

Skill

C(+5 years), Java(+2 years), C++(+2 years), Database(+2 years Oracle), Object-Oriented Analysis (OOA), Object-Oriented Design (OOD), UML Emacs with Lisp, Tex.

Knowledge

- Telecom Networks and Technologies
- Next Generation Network (NGN), Softswitch
- IP Multimedia Subsystem (IMS) of 3GPP
- SIP, H.323, H.248 (MGCP) and other related protocols
- Internet Knowledge, XML, HTML and related
- Project Management Knowledge
- Capability Maturity Model (CMM)

Experience

Software Development Leader
July 2006 - August 2011

Network Division of ZTE Corporation, China

- Analysis SIP protocol for ZTE softswitch device[1]
- Design the inner architecture for protocol module using UML language
- Implement protocol module using C language in VxWorks real-time OS
- Analysis Operation, Maintenance, Monitoring (OMM) requirements for ZTE softswitch
- Database design for OMM
- Database tables and procedures development for Oracle Dababase
- OMM implement using Java language in Solaris and Linux OS
- Guiding junior developer

System Analysis and Design Engineer
April 2003 - July 2006

Network Division of ZTE Corporation, China

[1]ZTE is one the top 5 largest Telecom equipment and network solution provider in the world with more than 30 thousands employees. ZTE Softswitch is a core device of Next Generation Network (NGN) which support over million users. And it is one of the most successful products of ZTE, as occupies the largest market share in China. Even in world Telecom market, our product is also a major device provider.

- System analysis and design for new ZTE VoIP Gateway[2]
- Implement stack module of Gateway
- Analysis user requirements and protocol
- Development Language: C, Java
- Environment: Solaris, RMX, Oracle

Software Development Engineer — April 1999 - April 2003

Network Division of ZTE Corporation, China

- Develop H.323 protocol module[3]
- Development Language: C
- Environment: Windows NT, Sybase

Education

Master of Science, Instrument Science Engineering — April 1999

Southeast University, Nanjing, China
Concentration: Computer Science

Bachelor of Science, Electrical Engineering — July 1996

Nanchang University, Nanchang, China
Concentration: Electrical Machine

[2]This is ZTE's first type of VoIP gateway for telecommunication market which supports up to 7200 lines concurrently, integrated in grogram controlled switch.

[3]This module is the core part of ZTE VoIP Gateway which is aimed to enterprise market. ZTE VoIP Gateway supports 120 lines concurrently.