Maruf Haider

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Education   : MS in Telecom Engineering Technology (**expected graduation Jan'14**).
Availability   : **June 1, 2013**.
Visa Status   : **F1**
Address   : Apt 5, 171 West Squire Drive, Rochester 14623, NY.

Objective:

- Looking for internship in telecommunications industry (summer 2013)
- Will be looking forward for a full time position after graduation (January 2014)

Brief Technical Skills:

- 5+ years of experience in Huawei Core Network MSOFTX3000 (CPCI & ATCA), CSOFTX3000, and M800 **MSC**s, **Media Gateway** UMG 8900, and **Billing Gateway** products hardware installation, version software installation and system commissioning.
- Integration with different network elements with VMSC and GMSC.
- Routing, roaming and signaling data configuration.
- Acceptance Test with customer.
- MTP, SCCP, CAP, MAP, BSSAP, ISUP, SIGTRAN, IP layer data configuration.
- Number analysis (called number, caller number, in-number, out-number etc).
- Tone processing and uploading into system.
- Software parameter optimization.
- Hardware expansion.
- KPI measurement and optimization.
- Troubleshooting based on alarm information, message trace, KPI and configuration analysis.
- Patch loading and version upgrade.
- New feature suggestion and implementation to meet customer needs.
- Familiar with Huawei information collection tool (MSoftx info collector tool, VTS tool, UMG multi inspection check tool) for health check and fault location.

Career Summary:

<u>Core Network Engineer</u>
Integration & Back Office
Huawei Technologies Bangladesh Ltd. (Jan'06- Mar'10 and Sep'11-Aug'12)

- Installed and commissioned MSOFTX3000 and UMG8900 and integrated with all other network elements (HLR, SCP, SMSC, STP, PSTN etc).
- MTP, SCCP, CAP, MAP, BSSAP, ISUP, SIGTRAN, IP layer data configuration.
- Configured GT Tables, routing tables and performed number processing for outgoing and incoming numbers.
- Performance management and optimization for MSOFTX3000 and UMG8900.
- 'Problem Reporting' showing the reason, impact and solution of the problem
- Prepared Acceptance Test documents, performed extensive tests before launching a new site/expansion/service and get customers' approval.
- Software parameter optimization.
- Analyzing communication flow, user log, system alarm and KPI to troubleshoot technical problems occurring at mobile switching centers, gateways and signaling transfer points.
- Taking preventive measures for safe and optimum running of the system (MSC).
- Software up-gradation and hardware expansion of MSC.
- Working under different project teams to meet customer (e.g. Orascom Telecom Bangladesh, Telecom Malaysia Bangladesh, Telenor Bangladesh etc) requirements within deadlines.

Job Achievements:

- Team leader of CDMA core network team.
- Work experience in CDMA, GSM and WCDMA platforms.

- Maintenance in-charge of whole Core Network Department of Tashicell Bhutan project.
- Published about 10 technical analyses in Huawei Global Support website.
- Very high Self-solving Rate of technical problems resulting in savings of company's resources and earning reliability of customers.

Participated Training:

Training1
Title: Core Network (CS) Engineer Training.
Topics: MSC/HLR/Billing Gateway/Network Monitoring System.
Institute: Huawei Training Center, Malaysia.
Duration: 45 Days.

Training2
Title: Core Network (CS) Engineer Training.
Topics: Huawei Soft Switch and Media Gateway.
Institute: Huawei Training Center, Bangladesh.
Duration: 20 Days.

Academics:

MS (Telecommunications Engineering Technology), Expected Jan. 2014
Rochester Institute of Technology (RIT), GPA 4

Courses taken (so far):

Telecommunications Policy Issues
Principles of Telecom Network
Fibre Optic Telecom Technology
Telecom Network Engineering
Wireless RF Telecom Systems
Telecom Concepts

B.Sc (Electrical & Electronic Engineering)
Bangladesh University of Engineering & Technology (BUET), GPA 3.34

Major Courses (completed):

Accounting
Economics
Electronic Circuits
Industrial Electronics
Microwave Engineering
Electrical Engineering Materials
Telecommunications Engineering
Complex Variables and Harmonics
Electromagnetic Fields and Waves
Transformations & Partial Differential Equations

Technical Skills:
Programming language: C/C++, MATLAB.
Circuit design: Orcad, PSpice
Application software: Microsoft Office package