Dear Sir,

I am Mirza Ferdous Rahman, I have at around 8.5 years of technical working experience on Access Network, Core Network and IP Transmission Network respectably. Moreover, I did job at Japanese IC (Integrated circuit) design company name Logic Research Co., Ltd. as a part time employee. I have also 3.5 years of research experience on Intelligent Wireless Sensor Network at Kyushu University, Japan. I am very interested to know about your company and especially about job activities from particular website. Your company is very well reputed for this sector. In addition, as my understanding there is a very good job environment to prove my skills and ability through challenges and growth-oriented activities. I have been seeking just such an opportunity as this. I think my research ability; B.Sc academic knowledge; and finally my technical job experience will be fulfill your requirements and may be a good match.

My education of four (4) years B. Sc in computer engineering (COE) at American International University Bangladesh (AIUB). has given me a broad foundation of theoretical and practical knowledge. It is noted that the study medium was strictly in English. As a computer engineering student, I have studied all the functional fields such as Computer Networks, Computer System Architecture, Artificial Intelligent, Data communication, Telecommunication engineering, Programming Language like C, C++, Assembly Language and Java. Besides, I have taken others core subjects like VHDL, Microprocessor, VLSI, Engineering Mechanics and Engineering Materials. Moreover, I also did electrical Subjects and others such as AC circuit, DC Circuit, Electronic Devices, Digital Electronic Circuit, Business Communication, and MIS. However, in my job fiend from February, 2006 to December, 2007 I was responsible for implementation and Operation & Maintenance (O&M) for access network part with HUAWEI product. At Huawei Technologies from April, 2008 to October, 2012 I was performed as a NSS (Network Switching Subsystem) engineer at Core network department for implementation and also for O&M part. At Kyushu University, Japan (from 0ctober, 2013 to March, 2017) I did research for Wireless Sensor Network (WSN) and Intelligent Wireless Sensor Network (iWSN). I have two international conference paper and twenty (20) pages book chapter for Intelligent Wireless Sensor Network (iWSN). At present, I am working at IP transmission network department for implementation; integration and also for O&M with CISCO and HUAWEI router. I have completed IELTS and JLPT test with success and I can say that I am expert at English language and moderate expert at Japanese language. So, I am confident that my innovative research ability, clear understanding of academic materials, practical lab experience, good academic performance and finally long-time technical working experience will help me to serve you the best. My resume is enclosed for your review.

If you are seeking a person who understands the exact topic and dedicated to his work, then please consider what I have to offer. I would be happy to thank you for your attention. I certainly look forward to exploring this further.

Sincerely

Mirza Ferdous Rahman

MIRZA FERDOUS RAHMAN

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Career Objective:

I want to pursue my future career based on my academic knowledge, research ability and finally with working experiences for any innovative sector specially Networking, and ICT field.

Career Summary:

I have four (4) years Computer Engineer (COE) Bachelor degree knowledge. research experience on Wireless Sensor Network and Intelligent Wireless Sensor Network (iWSN). Finally, around 8.5 years working experience at Access Network, Core Network and IP Transmission Network respectively.

Special Qualification:

- Research ability at any network, automated and artificial intelligent sector
- Technical working experience at IP Transmission Network, Core Network, and Access Network for telecommunication sector
- Technical book writing

Employment History:

Total Year of Experience : Around 8.5 years

1.   **Senior Engineer (March 27, 2018 - Continuing)**

Fiber Home Limited
Company Location : Gulshan 1, Dhaka , Bangladesh
Department: IP Transmission Network

Duties/Responsibilities:

A. Network topology implementation for IP Transmission network
b. IP planning for IP, OSFP and MPLS network
c. Configuration and add routers in Network Monitoring System (NMS) in IP and MPLS network with Cisco and Huawei router
d. Operation and Maintenance (O&M) for IP and MPLS network and troubleshoot as well
e. Inter cooperation with Transmission (DWDM), Network Operation Centre (NOC)
f. Overall responsibility for around 1550 Cisco and Huawei router along with 34 switches
g. Network integration and provide service such as L2VPN and L3VPN service
h. Service modification like UDD (Upgradation, Down gradation and discontinue)

2.   **Project Manager (October 1, 2017 - March 25, 2018)**

ZASS Telecommunication Ltd.

Company Location : Gulshan, Dhaka, Bangladesh
Department: PMO

Duties/Responsibilities:

a. Monitoring projects performance.
b. Ensure projects availability and reliability.
c. Supervise and monitor the respected teams.
d. Check the projects requirements and confirm the availability of requirements.
e. Ensure the end process of projects.

f. Maintain the maintenance after the implementation.
g. Configuring and installing various telecommunication devices and services.
h. Communicate with clients for necessities of project requirements.
i. Ensure the billing processes of projects and finally project cost analysis

3. Research Assistance (April , 2014 to March , 2017)

    a. Research for highly energy efficiency and reliable data routing for Wireless Sensor Network (WSN)
    b. Intelligent Wireless Sensor Network (WSN)

4.   **Assistant Engineer (December 6, 2016 - April 30, 2017)**

Logic Research Co., Ltd. Company
Location : Fukuoka, Japan
Department: Cheap design Division

Duties/Responsibilities:

Analog to digital converter (ADC) design and implementation
Analyze digital out (Dout) by TeraTerm(Software)from -10 to 3.3 Analog Input
Find out offset error, full scale error, non-linearity error, gain error, integral nonlinearity and differential nonlinearity

5.   **NSS (Network Switching Subsystem) Engineer (April 1, 2008 - October 7, 2012)**

Huawei Technologies (Bangladesh) Co., Ltd.
Company Location : Dhaka, Bangladesh
Department: Core Network Division
Duties/Responsibilities:
Work done for Grameenphone (GP), Bangla link and GETCO core project implementation

a. Around eight (8) Huawei MSC (Mobile Switching Center) Msoftx3000 and media gateway UMG (Universal Media Gateway) UMG 8900 for complete installation and power on
b. Installation and configuration of Back Administration Module (BAM) server, Billing Server (iGWB), Hearing Server (XPTU) ,Vendor DEEL and IBM)
c. LAN switches configuration respective nodes
d. Software and data configuration, quality check, hardware acceptance test, call test as well as service test
e. Finally prepare complete implementation/installation guide for each and every node and handover the node to operator

Additional task as a site supervisor during GP core project implementation (8 different places of GP switch room in Bangladesh)

Monitoring and supervise hardware installation for :

a. Huawei router- NE40/NE40E
b. Huawei transmission product OptiX OSN 3500,ODF,DDF, Patch panel
c. Huawei PS (Packet switching) product like SGSN,GGSN,CG and BG
d. PDF (Power Distribution Frame) for Huawei switch nodes

6.   **BSS (Base Station Subsystem)Engineer (February 2, 2006 - December 31, 2007)**

Jinzhao Technology Bangladesh LTD.
Company Location : Dhaka, Bangladesh

Department: BSS (Base Station Subsystem)

Duties/Responsibilities : Work done for City Cell, TMIB (Aktel) and Peoples Tel project

a. Around thirty (30) both CDMA and GSM Huawei BTS 3606/312/3012 (Base Station) ,six (6) Huawei BSC 6600/6000 (Base Station Controller) and two (2) Huawei MSC for complete installation and power on
b. LAN switches installation and configuration
c. Software commissioning, hardware acceptance test and call test
d. Emerson power system complete installation for BTS sites , BSC sites and also for switch room (means MSC site)

Academic details:

Exam Title	Major	Institute	Result	Pass Year	Duration	Achievement
Research Student	Advance Information Technology/Wireless Sensor Network	Kyushu University, Japan *[Foreign Institute]*	Passed	2014	6 (months)	Proposed Highly Energy Efficient Wireless Sensor Network
Japanese language	Japanese Language	Fukuoka Foreign Language College, Japan	Passed	2013	1 (year)	1 year Japanese language
Bachelor of Science (BSc)	Computer Engineering (COE)	American International University Bangladesh	CGPA:3.1 out of 4	2005	4 (year)	B.Sc degree (Computer Engineer)
HSC	Science	Govt. Bangla College	Second Division, Marks :56%	2000	4 (year)	H.S.C
SSC	Science	Bhangoora Union High School	First Division, Marks :74%	1996	5(years)	S.S.C

Language Proficiency:

Language	Reading	Writing	Speaking
English	High	High	High
Bengali	High	High	High
Japanese	Medium	Medium	Medium

Training Summary:

Title	Topic	Institute	Country	Location	Year	Duration
Eclipse, Installation and commissioning	Microwave installation with commissioning both indoor and outdoor unit.	Stratex Networks	Bangladesh Dhaka	Gulshan	2006	7 d

BSS	BTS (Base Transceiver Station) and (Base Station Controller) installation, commissioning with call test, troubleshooting etc	Huawei Technologies Co. ltd	China	Shanzen, China	2006	42 days

Professional Qualification:

Certification	Institute	Location	From	To
MCSE (Microsoft Certified Solutions)	Newhorizon	Dhanmondi,Dhaka	January 2, 2012	June 30, 2012
CCNA (Cisco Certified Network Associate)	Newhorizon	Dhanmondi, Dhaka	August 1, 2011	December 31, 2011

Specialization:

- IP Network
- Research of any innovative sector
- Artificial Intelligence
- Network Engineering
- English Language

Extra-Curricular Activities:

Research activities:

- Highly energy efficient and reliable data routing for Wireless Sensor Network (WSN)
- Trying to touch Physical layer, Data link (Specially MAC layer), and Network layer to design the desired Wireless Sensor Network
- Trying feasibility check to apply Internet Protocol (IP) for Wireless Sensor node
- IP network design by using IPv4 , Research for IPv6 for upcoming network and product design

Personal Details :

Father's Name	:	Late Alhaz Mirza Arshed Ali
Mother's Name	:	Mirza Sifia Khatun
Date of Birth	:	July 6, 1981
Gender	:	Male
Marital Status	:	Single
Nationality	:	Bangladeshi
National Id No.	:	7621908629953
Religion	:	Muslim
Permanent Address	:	Word-8, Sarat Nagor Bazar, Bhangoora, Pabna, Bangladesh
Current Location	:	Dhaka , Bangladesh

Reference (s):

		Reference: 01	**Reference: 02**
Name	:	Wahid Shams	Afzal Reza
Organization	:	Huawei Technologies Bangladesh Limited	BTRC
Designation	:	Core Manager	Senior Assistant Director
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