

MUHAMMAD MUZAMIL UZ ZAMAN

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Objective

Seeking a challenging position in your prestigious organization that warrants an opportunity to demonstrate skills acquired over the course of my professional studies and encouraging milieu that utilizes and develops my leadership and interpersonal skills to the utmost.

Educational Profile

Degree	Year	University/Board	Percentage/CGPA
Ph.D. Electrical Engineering	2018	International Islamic University Islamabad	In Progress
MS Energy Systems Engineering	2017	National University of Sciences & Technology Islamabad	3.55/4.00
BS Electronics Engineering	2011	International Islamic University Islamabad	3.16/4.00
Intermediate	2007	BISE SARGODHA	77.18 %
Matriculation	2005	BISE SARGODHA	70.70 %

Personal Experience

Position: Lab Engineer

(Feb 2014-Till Date)

Major Responsibilities:

(International Islamic University Islamabad)

- To conduct labs of electronic engineering
- Managing the lab apparatus
- Labs Conducted: Circuit Analysis-I, Circuit Analysis-II, I&M, Communication systems, Electronic Design-I, Electronic Design-II, Power Electronics

China Com Services International (Pvt.) Limited

(Dec 2011 to March 2013)

Position: NOC Engineer

(ZONG Managed Services Project)

Major Responsibilities:

- Preparing daily, weekly & monthly KPI reports on network, area monitoring worst objects reports at BTS, adjacency and TRX level.
- Monitored network using ZTE clients EMS, Netnuen (MINOS) fault, and performance & configuration management.
- Involved in performing swap activities from V3 BTS to SDR
- Path tracing of E1s by testing loops at NOC.
- Extraction and Analyzation of Traffic statistics from EMS, MINOS (Netnumen).
- Coordination with Field Maintenance teams.
- Monitoring of Site and Cell related statistics like TCH Congestion, LAPD drops, TCH Drop rate, and SDCCH Drop rate, SDCCH Congestion, and RF Loss on Hourly basis according to KPI values/International.
- To co-ordinate with our contractors in case of any hardware replacement on Sites.
- Network surveillance, faults detection and prioritization and taking necessary actions for their rectification...
- Alarm management of BTS and BSC.
- Execution all the Work Orders given by RF planning and optimization.
- Expertise in trouble shooting of Telco & Non Telco faults.
- Escalation of Trouble Tickets generated by NMC (ZONG) and service effecting alarms to Regional field Engineers

Description:

To assist my Project team for different kinds of fault analysis. Part of interface between customer and **ZTE** i.e. Taking Feedbacks from Regional teams of Manage Services about the Down Sites, and Alarms and provide it to **ZONG**

SIEMENS Pakistan Engineering CO. Ltd

(July 2010 to August 2010)

Position: Internee

(Siemens Business Development)

Major Responsibilities:

I personally read and understood many brochures, catalogs and manuals of different products in every department of Industrial Automation & Drives Technology (IA&DT) during my internship. I am mentioning here only my practical experience & learning.

- Enquiry
- Covering Letter
- Calculation Sheet
- Offer Sheet / Price Sheet
- Terms & Conditions
- Export Control Form
- Review Form

Professional /Specialized Trainings

- Attended training course of **Base Station Subsystem(BSS)** i.e. configuration and installation of BTS & BSC conducted by **HUAWEI** UET Joint Telecom Center(HUTIC), AL-KICS, UET in September 2012 at University of Engineering & Technology Lahore.
- Attended training course of **Radio Network Optimization (RNO)** conducted by **HUAWEI** UET Joint Telecom Center (HUTIC), AL-KICS, UET in October 2012 at University of Engineering & Technology Lahore.
- Attended **SDR-3G & Microwave Swap** Training for Telenor project conducted by **ZTE** in August 2012 at University of Engineering & Technology Lahore.
- Participant of National Engineering Robotics Contest in 2010 organized by National University of engineering & technology

Communication Skills

Interpersonal Skills, familiar of working in team environment.

Technical Skills

Office Automation Tools	MS Word, MS Excel, MS PowerPoint.
Operating Systems	Window 9x/2000/XP/7.
Engineering Software's	Matlab, Auto Cad, Keil Compiler, Proteous, Dip Trace, CircuitMaker, Pcb Maker, Ret Screen
GSM Clients	Inspur, Net Numen, Minos, EMS, LMT, MISU(Phase II)

Major Courses

- Instrumentation & Measurements
- Power Electronics
- Control Systems
- Electronics Circuit Design
- Electric Machines
- Wireless Communication

Final Year Project: Real Time Surveillance System

The R.T.S.S is a security product for fast and easy way of eliminating the terrorists. R.T.S.S design based on a moving vehicle on which a security camera is mounted. It consists of three modules. One is moving vehicle designed by our group. Secondly it contains an audio and video modulator, Security Camera takes the video from those places where human access is not possible, and then it modulates the video and transmits to the Host (monitoring cell) or receiver. We used television set as a receiver because we are transmitting video on UHF band i.e. 850MHz. Third module is a vehicle controlled by D.T.M.F (Dual-tone multiple frequency). By D.T.M.F we can control the vehicle and camera movements with cell phones. It is helpful in identifying the suspicious people.

References

Will be provided on demand