USAMA

[USAMA.373074@2freemail.com](mailto:USAMA.373074@2freemail.com)

**IT System Engineer,**

**NOC (Network Operation Center) Engineer**

**OBJECTIVE**

To serve in a Progressive Organization Offering Job satisfaction, Challenging work Environment and Vast Opportunity for Career development based purely upon Achievements and results in the field of **IT Systems, Networks and System Administration.**

**KEY SKILLS**

* **System Administration, Linux**
* **IT Systems**
* **Bash Scripting**
* **Computer Networking, Monitoring, Routing Protocols**
* **VoIP, SIP**
* **PHP, MySQL, Python working**

**EXPERIENCE (3 Years)**

## Crystallite Pakistan Pvt. Ltd, Karachi Pakistan *- System Engineer*

May, 2015 - Apr, 2017

* Database Management and Backup
* Real Time hardware stats, monitoring, MRTG, ICINGA, smokeping
* Servers installation through remote access
* Logwatch, Logs Management (Rsyslog)
* VPN
* XenServer

## Crystallite Pakistan Pvt. Ltd, Karachi Pakistan *– NOC Engineer*

Jun, 2014 - May, 2015

* Monitoring Network Operations, Technical Issues, coverage issues.
* Troubleshooting by means of SIP and H323 , Troubleshooting LAN networks, configuring IP addresses in the local network and checking the internet related issues in the local environment.
* Ethereal Traces, Commanding VoIP Protocols.
* Proactive monitoring of the routes based on their stats, graphs and CDR's.
* Configure Routing

## Karachi Port Trust (KPT), Karachi Pakistan*- Intern Engineer*

Jun 2013 - Jul 2013

* Electronic Systems
* Maintenance of equipments

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## Pakistan Steel Mills Karachi, Karachi Pakistan*- Intern Engineer*

Jul 2012 - Aug 2012

* Power Equipment repairing
* Power Distribution Network
* Thermal Power Plant
* Electronics Laboratories

**Projects**

## During Job

* Network Monitoring System
* Logs Management, Data Backup, Systems monitoring,
* ICINGA, MRTG, Rsyslog, Logwatch, Data Storage and Backup
* Attendance Management and Security System
  + RFID Code Detection and Identification
  + Serial Data Transfer (read and write)
  + Real Time SMS Delivery to parents on entry and exit of students.
  + Monitoring System Development for Remote Terminals
* VOS Soft Switch external Monitoring System
  + CDRs History, Stats History
  + Payments History, Rates History

## During Study

* Microcontroller based IR signal decoding system.
* Efficient Electronic Fuel Injection System. ARDUINO.
* MATRIX (4x4) Calculations using C++.
* Power Transmission, Distribution and Utilization Simulation system Study.
* Remote Control Car using PC Controls.
* Power Generating Wind Turbine.
* IR Signal based Security Door System.
* Variable Voltage Power Supply

**AWARDS**

* 1st Position in AutoCAD INTRACUP held by IEEE 2013.
* Award of Best Report Writer (Best Writer) at College.
* MS Office Management Diploma.
* First Aid Training at DHQ Hospital Hafizabad as a Scout.

**EDUCATION**

## FAST-National University of Computer and Emerging Sciences Karachi *- BS Electrical Engineering (Electronics)*

Jun 2010 - Jul 2014