



# DEBASIS DAS

**NETWORK | ELECTRONICS | ELECTRICAL ENGINEER**

## OBJECTIVE

To Work in Any Given Environ-Ment To the Best of My Ability and Experience with Willing to Learn and Contribute to Obtain Best Result for The Organization. I Am Confident That I Will Prove to Be an Asset for The Organization If Entrusted Upon with Responsibilities.

## MANAGEMENT INFORMATION SYSTEMS (MIS)

An MIS gathers data from multiple online systems, analyzes the information, and reports data to aid in management decision-making.

## IMPROVED DECISION-MAKING

The purpose of an MIS is improved decision-making, by providing up-to-date, accurate data on a variety of organizational assets, including: Financials, Inventory, Personnel Project timelines, Manufacturing Real estate, Marketing, Raw materials R&D. The MIS collects the data, stores it, and makes it accessible to managers who want to analyze the data by running reports.

## PROFILE

Working on Myself every day.

## WORK EXPERIENCE

### ELECTRONICS CORPORATION OF INDIA LIMITED (ECIL) DEPT OF ATOMIC ENERGY

Nov 2020 To Continue

Access Control Engineer at BARC (Bhabha Atomic Research Center) and Vikram Sarabhai Bhavan at NPCIL (Nuclear Power corporation of India)

The Scope of my services were to keep track of following Servers and respond to snags/troubleshooting including schedule and routine maintenances:

- (i) ACS (Access Control Server)
- (ii) TAMS (Time Attendance and Management Server)
- (iii) CCTV Server
- (iv) VMS (Visitor Management Server)
- (v) Computer Architecture

### PROJECT WORKING ON

Employment: **Bhabha Atomic Research Center , Mumbai**

Project: Network (Confidential Solution Network)

Designation: Scientific Assistant - A

Duration: Nov 2021 - Till date

Location: Mumbai, Maharashtra

### ROLE & RESPONSIBILITIES

- Check point Firewalls, Cisco Firepower Administration, Trouble Shooting, Maintenance
- Administration, Trouble Shooting, Maintenance of Cisco Switches, Cisco Routers
- IP v4, IP v6 routing and switching.
- VLAN configuration.
- Cisco Router and Switch(L2) CDOT indigenous ATM(L2) Linux based PC for maintenance and troubleshooting the whole networks.
- Customer handling.
- To execute database procedures like install, configure, upgrade, backup, recovery, restore, migration, data extraction, optimization etc.
- Linux Server Administrator | Access Control | SQL Server Administrator | Windows Server Administrator | Database Administrator support.
- To keep track of the performance of Controllers connected to various RFID Readers and diagnose any trouble shooting & rectify the problems.

Helping the tech world to achieve wonders.

7+ Years of Experience in Engineering & IT Background as a Network Engineer

## TECHNICAL SKILLS

### Networking skills:

**Security:** Linux Server Administrator Access Control, SQL Server Administrator, Windows Server Administrator, Database Administrator.

**Routing:** Maintenance & Troubleshooting of Routers, Configuration of IGP routing protocols like RIP, EIGRP, OSPF. Configuration of BGP & Policy base routing.

**Switching:** Maintenance & Troubleshooting of CISCO Switches and routers. Configure & Troubleshoot VLAN, STP, Ether Channel.

### Electronics & Electrical:

Creative PCB Design, Advance Process Control and Communication Technology Electronics Measurements Analytical Instrumentation Analysis Digital & Analog Electronics and Logic Design, Fundamental of Measurements, Electrical Machine Measurement and Circuit Design, Panel Operation.

## INDUSTRIAL TRAINING

Technician Apprentice Training from M/s Garden Reach Shipbuilders & Engineers Ltd. (GRSE). A Government of India undertaking - ministry of defence undertaking - ministry of defence Introduction to Antisubmarine Warfare Corvette.

- Composite Communication System (CCS).
- Radio Communication System.
- Speech Secrecy Equipment.
- Electronic Counter Counter Measure (ECCM)
- Ship-Shore & Ship-Ship Communication.
- Echo Sounder.
- Electromagnetic Log.
- Revathi Radar.

- Supervise for maintenance of RFID Readers, Metal Detector Doors & assigning persons from approved AMC (Annual Maintenance Contract) Companies and sign their report if acceptable.

- Successfully deployed very advanced Visitor management System for

1) Department of Atomic Energy (DAE)

2) Heavy Water Board (HWB),

3) DCSEM, (4) Department of Purchase and Stores (DPS) also imparted training to employees of the above-mentioned department to use this modernize VMS system.

- To provide support to above mentioned Org to use TAMS System (Time Attendance & Management Sys).

### NETWORK AND LINUX ADMINISTRATOR AT BARC (BHABHA ATOMIC RESEARCH CENTER)

- To lead a team of Scientific Assistant from ECIL and employees from ABS India to provide Network and Linux support.

- To provide INTRANET in Windows using Static IP and to provide INTERNET in Linux Operating System like Ubuntu, Fedora, CentOS using Virtualization Technology VMWARE in same pc.

- To handle SNAS (Secure Network Access System), INAS (Internet Network Access System) and ONSS (Online Network Support System)

- To install, configure, rectify SNMP (Simple Network Management Protocol) throughout the organization.

- To assign job orders to team members to rectify & diagnose the problem faced by end User of BARC to browse Intranet and Internet.

- To supervise to rectify, replace, configure the 8-port and 24-port Network Switch.

### INSPIRISYS SOLUTION LIMITED (REGIONAL TRC HEAD)

2019–2020

Role & Responsibilities:

Laptop Desktop Printer Network IP Phone PA system Support.

### HCL SERVICES LIMITED (RO TRC HEAD, ASSISTANT MANAGER)

2015–2019

Role & Responsibilities:

Computer Architecture Desktop Laptop Printer | Electronics Measurement | Analytical Instrumentation Analysis | Digital & Analog Electronics and Logic Design | Fundamental of Measurement | Electrical Machine Measurement And Circuit Design, Panel Operation | Computer Application and Programming Basic Level.

- To undertake site installation, commissioning, Training, handover and start-up activities on a project basis of electronic security system (CCTV, Fire Alarm, Access Control, Time and Attendance system, PA System, Desktop, Laptop, Printer)

- To undertake problem solving and troubleshooting.

- To professionally report project progress and current status to internal and external stakeholders. Installation of Digital class room, conference room.

Operation and Repair in TRC of Multimedia Projector (**Hitachi, Epson, Benq, Infocus**, etc.) Installation and servicing.

- To conduct site survey for CCTV, Fire alarm, PA system.
- To prepare installation report, signoff report.

RO TRC Support in Printer (Deskjet, LaserJet, High End)

RO TRC Support AVSI EPBX Desktop Laptop Multimedia.

Projector Video Wall Pa System Led Panel.

Industrial Automation and Robotics certify from **MSME** Kolkata (Central Tool Room & Training Centre)

### COMPUTER PROFICIENCY

Diploma in Computer Application  
MS Office Word, Excel, Power Point, Outlook & E-Mailing tools-MS Outlook, Windows Outlook.  
Microsoft Excel 2019, Microsoft Word 2019, Microsoft Power Point 2019,  
Familiar with older version of Microsoft Office.  
Windows OS / Linux OS Installation  
Skype, Zoom Microsoft Teams  
Communication with Office 365.

### EDUCATION

#### **Murshidabad Institute of Technology**

2008 – 2011

Diploma in Electronics & Instrumentation Engineering completed in 2011

#### **Krishnagar High School**

High School Passed (Madhyamik) in 2008

### CONTACT

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### HOBBIES

Playing Chess  
Story book  
Cooking

### ADDRESS

16 No, Dr. P N Guha Road  
Bagheria, Badamtala  
Kolkata 700 083

### LANGUAGE KNOWN

English: Moderate  
Hindi: Excellent  
Bengali: Excellent (Native)

### **JABIL GLOBAL SERVICE & PVT LTD. (TECHNICIAN)**

2013-2014

#### **Role & Responsibilities:**

Printed Circuit Board (PCB) operations.

Airtel set-top box, PVR, DVR, Cisco set-top box servicing & testing.

Quality control and Testing.

Electrical panel Control and operations. Temperature control.

Pressure control. Machine operation

### **PROJECT WORKING ON**

#### **CMS-28(COMBAT MANAGEMENT SYSTEM)**

Customer: INDIAN NAVY

#### **Description:**

The CMS system provides a range of standard-based interfaces and services, including frame relay, ATM and IP. It provides multiprotocol routing services and intelligent weapons management and Radar management. It simultaneously supports Data, Voice, Image, Video and Ship data networks.

This system consists of the following Equipment:

- 1) Cisco Router and Switch(L2)
- 2) CDOT indigenous ATM(L2)
- 3) Linux based PC for maintenance and troubleshooting the whole networks

#### **VCS MK-III (P-28 CLASS OF INDIAN NAVAL SHIPS)**

#### **Description:**

VCS MK III System is based on distributed architecture and intends to provide voice and data connectivity on board Naval Ships using Voice over IP (VOIP) technology. This system consists of the following Equipment:

- Ethernet Edge Switch and Ethernet Routing Switch for Data Communication.
- WLAN Security Switch, WLAN Access point and WLAN IP Telephony manager for Wireless communication.
- IP-PBX Elements for Communication
- End User Equipment includes IP Phones Headset with Analog Dial pads for voice communication.

#### **ROLES AND RESPONSIBILITIES:**

- Network connectivity troubleshooting PING, TELNET.
- Responsible for communication protocols, configuration, integration & security.
- Maintenance and configure of CISCO routers, BEL ATM networks.
- Configuration of Layer 2 and Layer 3 switches (Cisco switches).
- Configuration of wireless security switches, VLAN & WLAN Access points (Cisco Switches) to provide wireless access to the network.

#### **Strength:**

- Knowledge in RED HAT LINUX Platform.
- Systematic wiring of fiber optic cables.
- Experience in Using of ATM ANALYZER.

I do hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**DEBASIS DAS**