

# DEBASIS BERA

## Senior Professional

### Professional Summary

- Cisco Certified Specialist - Enterprise Core, Cisco Certified Network Associate (CCNA) qualified with a Bachelor of Science degree.
- 14+ years experience in designing, implementing networks, troubleshooting and Testing.
- Expertise in Protocol Testing, Technical Analysis and Network Engineering as well as the configuration of Routers, Switches, Hubs, Modems and other networking devices.
- Skilled in Designing, Troubleshooting, LAN and WAN(mpls), Wi
- Proficiency with various hardware concepts, networking software, and monitoring tools.
- Experience on Cisco Switches (E.g. 29xx, 35xx, and 37xx series) and Cisco Routers (E.g. Cisco 18xx, 26xx, 28xx, 38xx, 36xx, NCS4200), CISCO ASR(903,901,920,5500), ZTE Router ZXR10MK600-2S-4,3S-4 and ZTE Switch ZXR1(8902E,8905E,5952,3928,2928)

### Work Experience

#### Senior Professional

Aricent Technologies (Holdings) Limited  
(May 2022 - Dec 2023)

In this role, I worked primarily with the Cisco XE, providing various solutions including programming automation scripts, hardware, and software troubleshooting. As we are part of CET, so troubleshooting and solving any type of issue (hardware and software) forwarded by Cisco TAC is an additional responsibility which I am handling as well.

#### Workdone

- Dealt with all escalated cases for Cisco XE
- Involved in automation using Python for testing present IOS
- Involved in Test Planning and Testing solutions end-to-end
- Troubleshooting and solving any type of issue (hardware and software)
- forwarded by Cisco TAC. SD-WAN viptela,



### All about me

Seeking a challenging and rewarding opportunity where my analytical and technical skills can be effectively nurtured and utilized. I am eager to leverage my 14+ years of experience and certification in enterprise core and networking to add distinct value to a prestigious company like Capgemini as a Senior Professional. Having a versatile involvement in designing, implementing, and troubleshooting networks, I excel at work that requires rigor and detail. My exposure in Python scripting language for network automation is one of the many strengths I bring.

### Education

#### Post Graduate Diploma in Computer Networking Technologies

Jadavpur University, Kolkata(2005 - 2006)

#### Bachelor of Science

Calcutta University (2000 - 2003 )

### Contact

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## Technical Lead

Infinite Computer Solutions (India) Limited (Aug 2021 - Jan 2022)

### Responsibilities:

My responsibilities included primarily networking technical work such as troubleshooting and Python scripting for Nokia communication devices.

### Workdone:

- Integration between Nokia 7705.
- Troubleshooting IS-IS, BGP, MPLS protocol and VPRN & VPLS related issues
- Making new BOQ & MOP for Migration of Nokia IXR Router through Python script
- Planning for migration



## Kolkata IP Lead /E&S-Wireline

ZTE Telecom India Pvt. Ltd. Off roll (Nov 2018 - Dec 2019 )

### Responsibilities:

In this role, I handled networking responsibilities using ZTE telecommunication devices primarily. My tasks included planning, testing and troubleshooting various aspects of the network.

### Workdone:

- Integrate between ZTE ZXR10-M6000-(3S,2S&4S) Series Router & (8902E & 8905E)
- End to end network optimization
- Troubleshooting BSC & RNC related issue
- Planning, Implementation, Configuration, Testing, Tech Support, Fault Management
- IP Planning: IP addressing, routing and VLAN addressing, port allocation, for 2G,3G&4G Network, routing & switching..
- Cooperate with field Network Engineer if any kind of problem occur in addition to supporting BSNL all over Kolkata, W.B, Odisha, Asham, JKD network Cooperate with different vendor
- Testing and Troubleshooting BGP (I, E & MP), MPLS protocol and VRF related issue



## Network Support Engineer(L2)

Evolve Technologies & Services Pvt.Ltd (Jan 2017 - Sep 2018)

### Responsibilities:

As a Network Support Engineer, I dealt primarily with the configuration and troubleshooting of several ASR router models.

### Workdone:

- Configure ASR(901,902,903,5500) router remotely
- Integration between ASR 920,ASR 901, ASR903 and ASR5500 router with ASR9010 router
- Troubleshooting EnodeB related issues.
- Support Reliance all over West Bengal network
- Testing and Troubleshooting BGP. ISIS, MPLS protocol and VRF related issue
- Cooperation with different vendors

## Network Support Engineer(L2)

Synophic Systems Pvt.Ltd (Mar 2015 - Oct 2016 )

### Responsibilities:

As a Network Support Engineer in Synophic Systems, I was largely involved in the troubleshooting and maintenance of various Cisco devices and supporting broad network operations throughout West Bengal.

### Workdone:

- Configure ASR(901,902,903,5500) router remotely
- Troubleshooting BGP. ISIS, MPLS protocol and VRF related issue.
- Integration between ASR 920,ASR 901, ASR903 and ASR5500 router with ASR9010 router
- Troubleshooting EnodeB related issues.
- Support Reliance all over West Bengal network
- Cooperation with different vendors



## Sr. CISCO ip Enginee

Vivan Infratel Solution Pvt Ltd (Nov 2014 - Mar 2015 )

### Responsibilities:

As a Senior Cisco IP Engineer, I took part in the maintenance, planning, and integration of 4G networks, working mainly with Cisco hardware and troubleshooting various network protocols.

### Workdone:

- Maintenance, Planning & Integration of 4G Network(AG1, AG2 & AG3) with router cisco ASR (901,903 & 920),
- Troubleshooting I-BGP.IS-IS, MPLS, and VRF,,Configuration & troubleshooting of cisco WAP



## Network & System Administrator

FAMOUS DIGITAL STUDIOS PVT LTD. (Aug 2013 - Aug 2014)

### Responsibilities:

Carried out the entire computer hardware/ networking operations with the responsibility for viability of business enterprise.

- Addressed queries regarding the Information System / Software & extending onsite support to the clients including maintenance of hardware and software.
- Effectively monitored functioning of equipment/ peripherals and made necessary modifications to ensure system operates in conformance with specifications.

### Workdone:

- Possessed superior technical expertise to install and manage computer hardware including printers, UPS, Internet,
- networking and allied services; managing user's accounts and permissions and handling Policies for Users.

## Network Engineer

PCS TECHNOLOGIES LTD (Jan 2013 - Aug 2013)

### Responsibilities:

Spearheading efforts as Senior NOC Engineer and responsible for smooth operation of retail network by maintaining DC & DR; handling planning and deploying Network (LAN and Wireless LAN).• Dexterous in planning, designing, installing & configuring IT networks. Deftly handling entire Networking functions while troubleshooting and maintaining overall LAN operations.

### Workdone:

- Looking after configuration of Routers, Switches, Load Balancers and Wireless Controllers for deployment planning and maintenance of client sites.
- Leading NOC Team 24\*7 and assigning them tasks, depending on requirement and their capability.
- Handling troubleshooting of any network related issues and guiding site engineers for network stability in PAN India; coordinating field engineers to deploy hot spots for Wi-Fi Project and other retail outlets in PAN India.
- Conducting PoC in all career class ISP (Airtel, Tata, Reliance )and retail vendor to integrate our network.
- Handling O&M activities of the network while resolving all issues pertaining to optimization of network and troubleshooting of various network problems; monitoring network equipment, security, hardware/ software migration planning, implementation and application support.
- Responsible for Router Implementation, Configured and implemented different WAN technologies (point-toPoint, ISDN and Frame-Relay) using routing and WAN encapsulation protocols.
- Upgrading, troubleshooting, password recovery and restoring routers and switches IOS.
- Liaising with the field team to facilitate timely resolution of day to day IT related issues.
- Apart from the below mentioned projects, also involved in BSNL NIB-2 (year 3 and year 4) expansion projects, BSNL WIMAX Project, BSNL GSM CCN Project and DEPGRSEL, Ranchi



## Network Administrator

TEAM 4 SOFT SOLUTIONS PVT LTD.(Jan 2007 - Aug 2012)

### Responsibilities:

Managed File System, User & Group, Computer Accounts, Hardware Devices & Drivers, Disk Management, Backup & Restore of Files.

- Responsible for handling network connectivity as well as implementation/ integration/ troubleshooting for servers, remote access, storage devices, Backup Devices, printers and scanners in LAN environment. In charge of installation, upgradation and maintenance all hardware/ software and operating system.
- Managed complete troubleshooting activity pertaining to Performance, Network Administration, Application Conflicts and Bugs and addressing overall queries involving Information System/ Software.
- Conducted software and hardware upgrades, implementing and maintaining procedures for backup and recovery of network servers and configuration files of other network devices..

## Projects

### CISCO CET customer escalation team for Cisco IOS-XE

- Handled escalated cases for Cisco XE
- Automated tasks using Python scripting
- Troubleshoot hardware and software issues forwarded by Cisco TAC
- Tested solutions end to end

### BSNL MBPN Network

- Maintenance, Planning & Integration Of 2G,3G&4G Network(Core& Ran) , with ZTE
- router (ZXR10 M6000-3S&2S) ZTE Switch (ZXR10 8902E&5E, 55952E, etc )
- troubleshooting I-BGP. E-BGP,OSPF MPLS , VRF, SUPERVLAN , SUB VLAN , VRRP etc

### RJIL JIO 4G NETWORK

- Maintenance, Planning & Integration Of 4G Network(AG1, AG2 &AG3) , with router
- cisco ASR (901,903& 920), troubleshooting I-BGP.IS-IS, MPLS , VRF etc

### KOLKATA PORT TRUST

- Maintenance, support & service in the areas of network equipment like 3Com core
- switch (8800), router (cisco &Maipu) wireless switch, Layer2 and layer3 Switch
- (5500,4500) , cyberoam Firewall, fiber media converter.

## Core Competencies

- Networking
- sd-wan vptela
- Python scripting

## Technical Skills

- IS-IS
- BGP
- routing & switching.
- Network design and implementation
- Troubleshooting
- sd-wan vptela
- IP/MPLS
- PYTHON
- Segment Routing
- OSPF

## Soft Skills

- Leadership
- Communication
- Time management
- Active listening
- Problem-solving abilities

## Certifications

- Cisco Certified Specialist - Enterprise Core (2019)
- Cisco Certified Network Associate (CCNA) (2012)