



## SHIVAM NANDA

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### Carrer Objective

- An innovative, self – motivated and solution oriented System and IT Network Administrator. Aspiring for a bright and challenging new career opportunities in the field of IT Technology and Operations, which would enable me to upgrade myself with more upcoming emerging trends and technologies.

### Summary

- A dynamic, team spirited and performance driven 24x7 professional, having 9 years of rich experience in IT Domain. Currently associated with M/s Gobindas Entertainment Pvt Ltd (Cain Group of Companies), Noida and working for the Group Companies as Sr. Manager-IT, responsible for Level 2 & 3 IT Opertaions, SLAs, RCA and managing the IT Infrastructure of GBPEL. Ability to drive and implement IT Projects within its timeline and on remote basis also.
- Leadership: Successfully leading and handling the IT and Operations team on PAN India level.**
- Possess huge experience with a consistent track record of designing, implementing and integrating cost-effective, high-performance technical solutions.

### ACHIEVEMENTS AND RECOGNITIONS

⇒ Awarded as Best Engineer from Celltick Technologies Team, Israel.

### Professional Experience

July '17 – Till date

Technical Support Lead Celltick Mobile Media India Pvt Ltd

Feb '08 – June'17

Sr. Manager - IT

M/s Gobindas Entertainment Pvt Ltd

### Skill Summary

#### Technical Skills

Database	Oracle 11g (Beginner), Postgres, Mysql, Percona DB, Maria DB
Applciation Server	JB0SS AS 7, Tomcat 8, Apache, Ngnix, Memcached, Apache Proxy Sever,
Tools	Putty,MPutty, MobaXterm, Mysqlworkbench, Puppet, LVM, Mysql Replication (Master+Slave), Ansible, Jenkins, Nagios
Platform	CentOS 5,6 & 7, RHEL 5, 6,& 7, Solais 10, VmWare
Scripting	Bash Shell Scripting, Perl
Backup	Dump and Restore Utility, Rsync, tar, bzip2, gzip, Zmanda Recovery Manager for Mysql
User Authentication	Two Factor Authentication using Google Authenticator, SSH Password less Login
Monitoring Tools	Nagios Server
Cloud	Amazon Web Services (EC2, RDS, S3, CloudFront, Route 53, VPC,CloudFormation,CloudTrail,VPN, Beanstalk, Lambda, CloudWatch, SNS, SQS, Aurora, Auto Scaling, ELB, Direct Connect, VPC Peering, AWS migration)
Router & Firewall	Cisco Switch, Juniper & Cyberoam Firewall
VPN	Site-2-Site VPN (Juniper & Cyberoam), Open VPN Server(CentOS)

## PROJECTS & ASSIGNMENTS

Title : CellBroadcast and Advertisement Platform with STK Functionality  
Location : India & UAE  
Duration : July '17 - Till Date  
Cloud : Amazon Web Services  
Technology : CentOS 7, Mysql, Postgres, JBoss, Veritas, Automation Monitoring  
Responsibilities :

- Deploying, managing, and operating scalable, highly available, and fault tolerant systems on AWS and Linux platform.
- Migrating an existing on-premises data to AWS.
- Database clustering with Replication.
- Backup procedure using shell scripts.
- System Clustering using Vertias.
- Daily maintenance and operation activities.

Title : Android Gaming Service (Games4rU, O2 Game Place & RTL)  
Location : India & Germany  
Duration : Sep' 15 – June'17  
Cloud : Amazon Web Services  
Technology : CentOS 7, Percona Server & RDS, Apache,,Tomcat 7, Memcached  
Responsibilities :

- Deploying, managing, and operating scalable, highly available, and fault tolerant systems on AWS Environment
- Migrating an existing on-premises application to AWS.
- Implementing and controlling the flow of data to and from AWS.
- Selecting the appropriate AWS service based on compute, data, or security requirements.
- Identifying appropriate use of AWS operational best practices.
- Estimating AWS usage costs and identifying operational cost control mechanisms

Title : Cell Broadcast Services for Various operators  
Location : India  
Duration : Oct' 10 – June'17  
Technology : Sun Solaris 10, CentOS 6  
Responsibilities :

- Understating, Design and proposed solution of Cell Broadcast Services to various operation based on network architecture.
- Integration of different type of BSC's (ZTE, HUAWEI, //E, NOKIA, RNC) with
- Cell Broadcast platform
- Integration of SMSC, SDP and CG with Cell Broadcast platform over SMPP
  - for MO & MT billing to/from subscribers.
- Billing integration with operator billing platform on various protocol like MO Billing etc.

**Title** : All Day Coupon Website  
**Location** : India  
**Duration** : Oct' 14 – Dec' 16  
**Technology** : CentOS 6, VmWare 4, Mysql 5.5 DB, Tomcat 7, Apache Server, FTP  
**Server, LAMP**  
**Tools** : Gzip (Compression), Bash Scripting  
**Responsibilities** :
 

- Installation and Configuration of LAMP on VmWare instances
- Installation and Configuration of Mysql Server and fine tuning of Mysql for better performance.
- GZIP compression on Apache Server to improve the website performance.
- Installation of FTP Server to other users/customer to upload static files on the server.
- Installation and configuration of Tomcat Server for different application.
- Implemented Backup scripts using BASH for mysql and application on daily basis.
- User restriction on Servers as per company policies.
- Using IPtables for IP filtering to avoid middle-man attacks

**Title** : SMS and IVR (Single IVR) Services for Airtel  
**Location** : India  
**Duration** : 2009 – 2011  
**Environment & Technology** : CentOS, Redhat 6, Mysql DB, HA Proxy, VmWare  
**Responsibilities** :
 

- Installation and Configuration of Servers according to the requirement of the project.
- SMPP configuration for receiving MO & sending MT message
- Mysql DB replication (Master and Slave) for better performance.
- HA Proxy configuration for application load balancing of three backend servers on VM environment..
- Operator billing over HTTP (SOAP XML) for PPD and Subscription.
- Co-ordination with SDP and SMSC team for integration of SC's and SMPP
- connectivity for receiving MO and sending MT messages.

**Title** : WAP and SMS based Services for ESPN  
**Location** : India  
**Duration** : 2008 – 2009  
**Environment & Technology** : CentOS, Redhat 6, Mysql DB, HA Proxy, Tomcat Server. Apache Web Server  
**Responsibilities** :
 

- Installation and Configuration of Servers according to the
- the project.
- SMPP configuration for receiving MO sending MT message.
- Mysql DB replication (Master and Slave) for better performance.
- HA Proxy configuration for application load balancing for
- backend servers on VM environment..
- Operator billing over HTTP (SOAP) for PPD and Subscription.
- Co-ordination with SDP and SMSC team for integration of SC
- connectivity for receiving MO and sending MT messages.

<u>Title</u>	:	<u>Designing of Internal Network &amp; System</u>
Location	:	India
Duration	:	2008
Environment & Technology	:	Juniper Firewall, Cyberoam Firewall, L3 Switch, L2 Switches, DNS Server, OPEN VPN Server, Nagios Server
Responsibilities	:	<ul style="list-style-type: none"> <li>▪ Understaing, Design and proposed solution to established internal network connectivity for local users.</li> <li>▪ Configure VLAN to segreagte local network for different departments.</li> <li>▪ Configure multiple firewalls to secure network for avioding DOS attacks and provide L7 security level for local users.</li> <li>▪ Site-2-Site VPN with various operators and client to access platform from remote location.</li> <li>▪ Provide User Web authentication, web based filtration, Qos Policy, User Restriction</li> <li>▪ Establishment of OPEN VPN on CentOS server to provide remote user to access local and outside servers.</li> <li>▪ Configure LOCAL DNS Server to allow user to access internal internet.</li> <li>▪ Established BGP on the firewall to publish our IP pool.</li> <li>▪ Installation and Configuration of Nagios Server for monitoring and alerting system for production enviourement.</li> <li>▪ Log analysis with internal team on weekly basis.</li> </ul>

### ACADEMIA

3

NIMS Institute	Delhi, INDIA	2018 – 2020 (Final year)
Master's in Computer Application		
NIMS Institute	Delhi, INDIA	2014 – 2017
Bachelor's in Computer Application		
IGNOU University	Delhi, INDIA	2006 – NA
Bachelor's in Computer Application		
IGNOU University	Delhi, INDIA	2006 – 2007
Diploma in CIC		
Green Fields Public School	Delhi, INDIA	2005-2006
Class 12th CBSE Board		

### EXTRA CURRICULAR ACTIVITIES

- Extra Curricular Activities: Worked as Freelancer with IT Miracle Solutions (Texas, U.S) as Linux System Administrator from Feb'16 to May'16.

### TRAINING

- 14 months Training with certification in RHCE, CCNA, A+, N+ at HCL Technologies Noida.
- One Month Training with certification on Cell Broadcast Service (CBC) platform at Celltick Technologies, Israel

**PERSONAL DETAILS**

Date of Birth : **J**anuary 05, 1988  
Marital Status : Married  
Permanent Address : 1/5303. Street No. 11, Balbir Nagar Extension, Shahdara, Delhi – 110032.  
**J**ob Location Preference: Anywhere in India or outside India.

I hereby declare that all the above information is correct to the best of my knowledge and belief.

Place

Shivam Nanda

