# Satyendra Niranjan

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## Career Objectives:

To seek a challenging career as cloud Engineer and DevOps Engineer.

## Educational Qualification:

**2013 – 2017   B. Tech (Electronics & Communication Engineering)**

Jaypee Institute of Information Technology, Noida

## Work Experience:

- **Total Experience:**  2+ years of Experience.
- **Employers: Ericsson Global India PVT LTD**
  - **Roles:** Integration Engineer (Apr 2020 - Present)
  - **Projects:**
    - Working for Sprint (U.S.A).
    - Ciq Automation project, verification of data using multiple provided excel data. This tool has also embedded an additional functionality of license which expire daily and resulted in saving 3 hour/day.
    - Automate Xynergy Generator project, structured the unstructured data on multiple excel sheet for multiple technologies based on python script and resulted in saving 2 hours/day.
    - Automate the task of excel data based on duplicates values (which is having data more).
    - Automate the task of convert excel data into json format.

  - **Roles:** Network Engineer (May 2018- Apr 2020)
  - **Tool:** Jenkins, Zabbix, AWS (Cloud Formation, Cloud Front, EC2, S3, ELB, NLB, VPC, RDS, CDH, Cloud Watch, AWS data pipeline, SES, etc.).
  - **Projects:**
    - Worked on command line utilities, ACL, Cron Job, Firewalls, Virtualization, Boot Process.
    - Installation and upgradation of OS, kernel and additional package using RPM and YUM.
    - Performance Monitoring of servers and taking backups as per the requirement.

## AWARDS & ACHIEVEMENT:

- Earned **AWARD OF EXCELLENCE** for contribution towards RAN C&I delivery services in Ericsson.
- Earned **ACE AWARD** for exceeding customer expectation in Ericsson.
- Received a **Letter of Appreciation** from HOD of ECE Department for displaying project in Project Exhibition held during NAAC Visit.

## Skills:

- **Operating systems:**    Red Hat Linux Server (7,8) & Centos
- **Scripting**    Python, Shell Script
- **Cloud**    AWS (EC2/Instance creation, S3, ELB, EFS, VPC, NAT/Internet G/W, Cloud watch, Cloud Formation, CloudFront, ELB, Monitoring, Auto Scaling and Ops tasks)
- **Container**    Docker
- **Config Management Tool**    Ansible
- **Monitoring**    NAGIOS, Zabbix
- **Version control system**    GIT
- **DB**    MySQL, PostgreSQL
- **Language**    Java (core)
- **Security Modules**    SE-Linux and Firewall (IP tables)
- **Clock synchronization**    NTP
- **Mail Server**    MTA (Send mail, Postfix)
- **Load balancer**    HA Proxy
- **Web Server**    Apache, Tomcat
- **File and Print Server**    SAMBA, CUPS, NFS, FTP
- **Domain Services**    DNS, DHCP, MAC Binding
- **Ticketing Tool**    Jira

## Job Responsibilities:

### Cloud Engineering Tasks:

- Manage and support full application stacks from the OS through custom applications using Amazon cloud based computing environments.
- Working knowledge of AWS cloud Services IaaS, PaaS, and SaaS and coming trends in the Cloud space.
- Creating and add EBS volumes to EC2 instance while ECS cluster creation by using "BlockDeviceMappings" option in Cloudformation template.
- Cost optimization by applying stepscaling and Spot fleet.
- Made a common template for Simplescaling, Stepscaling, Spot – OnDemand ec2 instance and other features as hybridscale template.

### Linux Admin Tasks:

- Adding Disks, Partitions, Swap space management and File System to Linux System
- To Administer & manage a large base of UNIX (Solaris, Linux ) servers (production environment) that host several critical business applications, databases, etc.
- Troubleshooting server crash, booting problems through console, working with vendors like Oracle, IBM ,etc. to get the Root Cause Analysis.
- OS installation on Linux using below methods:
  - ➢ Linux: Deployment of Linux through template in VMware as well as on IBM blades and DELL Hardware.
- LVM Management (VG create/remove, VG extend, LV create/remove, Online LV extend) in Linux & SVM in Solaris
- Filesystem Creation
- Patching: Applying patches on Linux (YUM, RPM)
- User and group administration