

**Name: Deepak AK**  
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### **Career Objective**

To be associated with a progressive organization which will give a scope to apply my knowledge in **Infrastructure/DevOps** role and use those skills for inclusive growth along with promoting the growth of the organization.

12 years of combined professional experience in the IT with strong background in **agile DevOps Culture** with Continuous build, deployment, delivery and Infrastructure Administration.

### **Technical Skills:**

Cloud	AWS
Operating Systems	Ubuntu (14.04.16.04 and 18.04),Centos, Windows 7 and 10.
Scripting Languages	Bash
Configuration Management	Ansible
Infrastructure Provisioning	Cloud Formation Template
Source Control Management	Git
Containerization	Docker
Security Tools	Rapid 7, Crowd Strike and Ubuntu ESM
CICD	Jenkins
Web Server	Nginx, Apache Tomcat,Apache
Virtualization	VMWare
Monitoring Tools	Nagios,New Relic, Traverse,Icinga 2

### **Certifications**

- Red Hat Certified Engineer
- CCNA

### **Achievements**

Awarded as Best Product Deployment Team Player award of 2016.

Implemented IT process and documentation based on the operation requirements.Instrumental to implemented Cloud IT infrastructure in Amazon for all business critical application. Successfully implemented BI tools, ERP Package and HIS (Center Concept)

Instrumental to make available all the Applications / services to Smart phones, Blackberry, ipads etc., Implemented all the Latest technologies for better outcomes and productivity within the organizations and best quality service to Patients.

Implemented End point security and Data loss prevention with data encryption. Contract and Vendor Relationship Management with Vendors like Microsoft, Dell, HP, and APC Etc.

## Work History

### **Mscritps Systems Private Ltd- (April 2019 – Present)**

#### **Job Role: Associate DevOps Manager**

#### **Technical/Management Responsibilities:**

- 12 years of combined professional experience in the IT with strong background in **agile DevOps Culture** with Continuous build, deployment, delivery and Infrastructure Administration.
- **Experience in AWS EC2,VPC, Route 53, S3, Cloud Formation Templates, API Gateway, Cloud Front, ECS and Other AWS Services**, Overall objective to improve the scalability, reliability, performance and availability of the cloud infrastructure. Administrates the cloud development, test and **production cloud hosted environments**.
- Overall Administration and Management of 700 Production Servers built in with Ubuntu Linux across all over the world
- Monitoring, Availability management and escalate issues / risks to appropriate stakeholders and create mitigation plans.
- Responsible for installing **Jenkins master** and **slave** nodes.
- Good hands on experience with source control management systems like **GIT, Bit Bucket**, and used them to initiate continuous integration tools like Jenkins.
- Building Docker images and running docker containers for various applications and integrating docker with Jenkins to achieve CI/CD through docker registry.
- Installation and Configuration of Security Tools like Ubuntu ESM,Rapid 7 and Crowd Strike
- Experience in provisioning the infrastructure to AWS cloud with Infrastructure as code using **Cloud Formation Template**
- Provisioning the RDS (MSSQL) Instances, configuring VPC, security groups, subnets to the AWS cloud infrastructure
- Having experience in writing Ansible playbooks and creating roles for configuration management servers using **YAML**.
- Experience on working with monitoring tools like Nagios and New Relic.

- Experienced in installation, configuration, and Deployment of Java applications on Web and Application servers using **Apache Tomcat, Apache and Nginx**.
- Good experience in working with a team together to deliver best outputs in given time frames.
- Working closely with Development teams by participating in the meetings to discuss and understand the requirements to automating the DevOps work flow on daily basis.
- Excellent **communication, interpersonal**, analytical and quick problem solving skills.

## **Practo Technologies Pvt Ltd (May 2016 -March2019)**

Job Role: Devops Lead

### **Technical/Management Responsibilities:**

#### **Project: Hospital ManagementSystem.**

- Talented and accomplished IT management Professional with over 9 years of Linux System Administration experience (**Ubuntu 10.04/12.04/14.04/16.04,Centos %**) and 6+ years of experience in **AWS** and 2+ Years of experience on **Devops**
- Overall Administration and Management of 700 Production Servers built in with Ubuntu Linux across all over the world.
- Extensive solution designing and architectural skills over AWS (Amazon Services) & support for the same.
- Handling Product releases to the production servers using Shell Scripts and make sure it got delivered on time
- Accountable for entire IT Infra operation & Projects. Supporting IT strategy and Projects evaluation and supports.
- Working with Dev/QA Team on the Infrastructural requirements and implementing the same on Testing/Staging/Production Instances.
- Provided platform support for Linux servers on both physical hardware and on VMware and cloud infrastructure.
- Worked with various Business teams in identifying Performance issues at the OS/Network Stack.
- Monitoring, Availability management and escalate issues / risks to appropriate stakeholders and create mitigation plans.

- Network administration and VPN connectivity solution over Open VPN. Work with cross-functional team - Conferencing/Networking/Data Centre/most IT functions to deliver on common goals.
- Have thorough understanding on Linux TCP tuning and Memory management tuning on Linux platforms.
- Postgres Database Administration and Database replication. Hands on experience on New Relic Application Monitoring Tool.
- Have lead large scale OS Migration projects
- Have Lead Large Scale Postgresql DB Migration Projects.
- Have Lead Large Scale Apache Tomcat Migration Projects in Production Environment.
- Working with Dev/QA Team on the Infrastructural requirements and implementing the same on Testing/Staging/Production Instances.
- Mentor team members on emerging technologies and achieve their targets.
- Participate in meetings with Business Partners and develop solutions that help them to maintain their infrastructure and applications in a healthy way.
- Participate and contribute in various technology events held in our Site.
- Handled the recruitments and developing strategy to hire the best resources for our teams.
- Involved in training UNIX teams on Advanced troubleshooting in Linux Platforms.

## **Work History**

**□ IBM Software Labs (ISL) - April 2015- April 2016**

**Designation: Senior System Management Specialist**

**Technical Responsibilities:**

**Project Name: Mobile Device Management (MDM)**

- Overall Administration of 3000 Production Servers built in with Centos across All over the world.
- Wrote puppet code to automate system jobs.
- System/TomcatApplication Monitoring using Monitoring tools like Traverse and Icinga.
- Handling Production releases using FABRIC Tool.
- Installation, Configuration and maintenance of various applications and services like, SSH, FTP, Web Services (Apache Tomcat), SAMBA, DHCP etc.
- Understanding of VMware product and experience on VMWARE ESIX Servers.
- Working with Dev/QA Team on the Infrastructural requirements and implementing the same on Testing/Staging/Production Instances.

## Work History

**Insta Health Solutions Pvt Ltd**

**April 2014-April 2015**

**Designation:** Senior Linux Admin.

**Responsibility:** Overall accountability of 250-business servers on Ubuntu server across Asia Pacific.

**FCOOS Technologies Private Ltd**  
**2014**

**Sep 2008- March**

**Designation:** Linux Admin.

**Responsibility:** Worked as a Linux Admin and Managing 50-100 Production Servers.

**Address:**

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Ananth Nagar 14th Cross Phase 2,  
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Marital Status- Married