**Arvind Kumar Pal**

**Mobile: 09716714922, 9654209013**

E**-mail: arbindrpcl@gmail.com**

**Seeking assignments in AWS/DEVOPS Engineer with an organization of repute**

**SYNOPSIS**

Skilled devops and Solution Architect Engineer with 2+ years of hands-on experience supporting, automating, and optimizing mission critical deployments in AWS, leveraging configuration and management,CI/CD pipeline with young energetic, good communication skill and team player.

**CERTIFICATION**

**AWS SAAC02,CCC**

**ORGANISATIONAL EXPERIENCE**

**1- Primologic systems Pvt. Ltd. Duration: Aug 2020 to Till Date as AWS/Devops Engineer (Lead).**

**2- Trustline Securities Ltd. Duration: Feb 2019 to july 2020 as AWS cloud Technical support executive**

**3-Cogmac Industries Pvt. Ltd. Duration: Sep 2018 to Dec 20018 as AWS cloud Sr.System engineer.**

**4- NARAYAN GROUP Duration: JUL 2017 to Aug 2018 as AWS administrator**

**5 - RAJLAXMI GROUP. Duration : APR 2014 to Apr 2017 as System administrator.**

**6- WELLINDIA GROUP. Duration : May 2008 to Jun 2009 as System administrator**

**7- Gay valley finance & Investment LTD(Akshat commodity Ltd).Duration : May 2005 to Jun 2008 and JUN 2009 to March 20014 as System support and network engineer**

**Professional summary**:  
 Bachelor of Engineer in Information Technology with First grade

* Over 14+ years of total IT experience. Worked as AWS/Devops Engineer for 2 years and as **System engineer/Network Engineer** for 12+ years.
* Deploying, managing and operating scalable, high available and fault tolerant systems on AWS.
* Ability to identify and gather requirements to define a solution to be built and operation on AWS
* Setup/Managing database on RDS, Monitoring servers through AWS Cloud watch, SNS
* Implementing and controlling the flow of data and from AWS
* Selecting the appropriate AWS service based on compute, data or security requirements.
* Setup/Managing Linux servers on Amazon (EC2, S3, EBS, ELB, Security Groups, RDS and AMI).
* Estimating AWS usage costs and identifying operational cost control mechanism.
* Knowledge on KINESIS, AWS Lambda, SNS and SQS
* Amazon elastic compute cloud (EC2), elastic load balance and auto scaling from the command line
* Setup/managing VPC, Subnets, make connection between different zones, blocking suspicious ip/subnet via ACL.
* Recognize terminology and concepts as they relate to the AWS platform and navigate the AWS management console.
* Solid understanding of fundamental infrastructure services, including Amazon VPC,EC2,EBS,S3,ELB, Auto Scaling, Route 53, lambda.
* Understanding of AWS database services including Amazon DynamoDB and Amazon Relational database service (RDS)
* Understanding of AWS Management tools, including Amazon cloudwatch.
* Use AWS cloud Formation and other automation technologies to produce stacks of AWS resources that can be deployed in an automation repeatable fashion.
* Build functioning virtual private networks with Amazon VPC From the group up using the AWS management console.
* Deploy Amazon EC2 Instance using command line calls and troubleshoot the most common problem with instances.
* Monitor the health of Amazon EC2 Instances and other’s AWS services.
* Manage Resource consumption in an AWS account using tools such as Amazon cloud watch, tagging and trusted advisor.
* Select and implement of the best strategy for creating reusable Amazon EC2 Instances Creating managing AMI /Snapshots/Volumes
* Upgrade/downgrade AWS resources (CPU,MEMORY,EBS)
* Networking concept like sub netting, LAN, IP addressing,WAN,VPN.
* Understanding of the security measures AWS providing key concept of AWS identity and access management(IAM),creating IAM role and management also.
* Administered Single sign on LDAP authentication for users by AWS AD connector .
* Create Dockers containerization and make docker file for script, GIT HUB
* Ansible-configuration management
* Bash shell scripting and Python scripting
* Jenkins use to implement CI/CD and versioning control i use GIT& GITHUB.
* Linux administration, Windows administration
* Database- mysql,postgre.
* Language-python, bash scripting
* Good knowledge of terraform
* Good knowledge of Maven for build source code.
* Good knowledge of kubernetes .
* For code check i use sonarqube.

**DailyTasks:**

1-monitoring the availability and to measure the extent of performance.

2-finelise the network connections and have to make sure CI/CD work properly .

3-optimised the resource & cost.

4-access control while using aws(application) IAM.

5-design and setup for new user for better interface to automation.

6-check emails and alarm.

7- manage disaster recovery processes.

8- creating dockers when need

9-aws cloud formation.

10- backup of jenkins

11- backup of database.

**PROJECT 1-**

**1:** Working with Primologics,noida from AUG 2020 to Present.

**As an AWS operation:**

* Setup/Managing Linux Servers on Amazon ( EC2, EBS, ELB, SSL, Security Groups, RDS and IAM).
* Setup/Managing VPC, Subnets; make the connection between different zones; Blocking suspicious ip/subnet via ACL.
* Setup/Managing CDN on Amazon CloudFront ( Origin Path: Server / S3) to improve site
* Create/Managing buckets on S3 (CLI) and store db and logs backup, upload images for CDN serve.
* Setup/Managing Databases on Amazon RDS. Monitoring servers through Amazon CloudWatch, SNS.
* Creating/Managing DNS records on Amazon Route 53 and go-daddy panel.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Creating AWS Instances and Resources Bills.

**PROJECT2-**

Worked with Trustline Noida from Feb’2019 to July’2020.

* Installing, Setup and Migration Dev. and Prod. Servers (Apache, MySQL, PHP, Perl, Git, Scripts manipulation. etc).
* Setting up a new DNS and a corresponding VHOST to make the website functional
* Worked on Production Server’s on Amazon Cloud (EC2, EBS, RDS, S3, Route 53).
* Worked and Troubleshoot Git Repositories on Production, Staging, Development and Local Server’s.
* Configure User Required Domain’s on apache server.; User Administration and Permission;
* Monitor Production Server Health of different parameters (System Load, Physical Memory, Swap Memory, Hard disk, Apache requests, Mailq) via CLOD WATCH and Nagios.
* Investigation and Recover of Production Server Issues like as Server load (Parsing, mailq, query stuck).
* Monitor MySQL Database Backup on AWS cloud S3 (CLI).
* Log Analysis, Maintaining Document’s of production server log’s reports and server’s list.
* Worked on Virtualization (LVM, KVM, Bridge, Swap) on Superb DC.
* Scheduling jobs and log rotations using crontab;
* Create and Manipulate shell scripts on Production server for backup on AWS.
* Give Remote Support to Developer via team-viewer; Give on Ticket Support, Mobile Support

**PROJECT3-**

Worked with **cogmac** , Noida from Sep’18 to Dec’18.

* Creating ec2 instances setup VPC and attach security group and NACL with subnet .
* Creating IAM user, setup load balancer with auto scalling group.
* Installation and configuration of Linux OS (Centos 5.5), Windows Xp, 7.
* Monitoring Apache Server access log’s and error log’s, Hits.
* Monitoring Linux Server Health via MRTG, Nagios , top.
* User and Group administration
* Mounting NTFS partitions, cd/dvd and usb.
* Maintain error log report.
* Maintain LAN connectivity, Netgear & Dlink switches.
* On-call support to users for OS, Ms Outlook, Outlook Express & application.

**PROJECT4-**

Worked with **Narayan securities** , Delhi from July’17 to Aug’18

I have made CI/CD pipeline and automate it, for project have 4 server here 1st is GIT where codes are written, 2 is jenkins and 3 is ansible and 4th is for web server, migrate webserver to aws for our company.

**ACADEMIC**

* **BE** from AEC AGRA ,U.P. in 2003.

.

* **H.S.C** from TD COLLEGE JAUNPUR ,U.P. in 1996.
* **S.S.C** from GVIC ,JAUNPUR, U.P. in 1994.

**PERSONAL DOSSIER**

Date of Birth 15 MARCH - 1980

Father’s Name Mr. PRAJWALIT RAM PAL

Present Address House No E-3/22 SONIA VIHAR DELHI-110094

Languages Known English, Hindi

**Date** ARVIND KUMAR PAL