RAJNEESH KUMAR YADAV

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CAREER VISION

To work in a challenging environment demanding all my skills and efforts to explore myself in different fields and realize my potential where I get the opportunity for continuous learning.

I will become a well-known and respected leader in the IT industry.

PROFILE SUMMARY

- **AWS** Solution Architect **certified** on Oct 17 2020.
- **Three year Five months** experience as an AWS Engineer.

- **Technical skills**

    - **Cloud Server**   **:** AWS, GCP.
    - **Web Server**   **:** Apache, Tomcat.
    - **Database**   **:** Mysql.
    - **Scripting languages**   **:** Shell Scripting.
    - **OS**   **:** Ubuntu, Windows 7, 8 and 10, Linux.

- **AWS skills**

    - S3, AMI, EC2, ELB, Auto scaling, IAM,
    - VPC, Route 53, RDS, Cloud Watch, SNS,

- **GCP skills**

    - Compute Engine, Storage, IAM , Sql,
    - VPC, Auto-scaling,Monitoring.

- **Sound knowledge**

    - Sound knowledge in Networking.

- **Educational Qualifications**

    - **2018**   **MSC-IT** from SMU (Sikkim Manipal University).
    - **2016**   **BCA** from SLICA (SOM-LALIT Institute of Computer Application), Gujarat University.
    - **2013**   **HSC** (XII) from NIOS Gandhi Nagar, Gujarat.
    - **2010**   **SSC** (X) from K.V.CRPF Gandhi Nagar, Gujarat.

- Proficiency in grasping new technical concepts quickly and utilizing them in a productive manner.
- Excellent problem solving skills, including the ability to foresee problems before they occur.

WORK EXPERIENCE

AWS Engineer   : **AWS, GCP, UBUNTU, LINUX, NETWORKING.**

- **Name of company**   : **EMINOSOFT INDIA PVT. LTD**., HYDERABAD, India.
- **PERIOD**   : 16th August 2017 to 8th March.(**One year Six month**)
- **Job title**   : Programmer.

AWS Engineer   : **AWS, NETWORKING.**

- **Name of company**   : **CUBUS Powerful Online Banking Solutions .pvt.ltd**., HYDERABAD, India.
- **PERIOD**   : 11th March 2019 to present.(**One year nine month**)
- **Job title**   : Programmer/Analyst.

AWS Roles and Responsibility

- Monitoring User activities to troubleshoot operational and Security incidents for meeting the compliance of internal security policy.
- Design highly available, cost effective and fault tolerant systems using multiple EC2 instances, Auto Scaling, Elastic Load Balance and AMIs.
- Utilize **EBS (Elastic Block Storage**) to store persistent data and mitigate failure by using snapshots.
- Managing Email and calendaring Service with strong Security and supporting desktop.
- Storage Management Using **S3 (Simple Storage Service).** Creating buckets for S3, adding objects to buckets and applying proper archival/backup policies.
- Launching, monitoring and health checks of **EC2 (Elastic Compute Cloud**) Instances in different availability zones in a region.
- Create custom sized **VPC**, subnets, NAT to ensure successful deployment of Web applications Networks based on the requirement and providing VPN Connection.
- Design roles and groups for users and resources using AWS **Identity Access Management (IAM)** running instances as part of a backup plan.
- Provide highly durable and available data by using **S3** data store, versioning, lifecycle policies, and Create AMIs for mission critical production servers for backup.
- Managing **Security Groups** and **NACLs (Network Access Control Lists)** for making systems highly secure, and IAM.
- Use Amazon **RDS** to manage, create snapshots, and automated backup of database.
- Good understanding of **ELB**, general networking principles, routing technologies and DNS (Route53)
- Utilize **Cloud Watch** to monitor resources such as EC2, CPU memory, Amazon RDS DB services, EBS volumes; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
- Creating and using Amazon **work mail** managed business email and calendar service with support for existing desktop and mobile email clients.
- Applying **Auto Scaling** between ELB and EC2 instances for high availability of applications.
- Configuring **SNS (Simple Notification Service**) for Critical events of Cloud Watch.
- **DNS** Management / Traffic Management using **Route 53**.
- Responsible for finding the proper tools and implementing the processes that can automate any manual tasks.
- Not to be confused with someone who just finds and reports bugs. Responsible for the user experience and ensures that the final product has all the features in the original specifications.
- The builder and tester of code that ensures each line of code meets the original business requirements.
- With all the nefarious operators out there you need someone to keep the corporation safe and in compliance. This person needs to work closely with everyone to ensure the integrity of corporate data.
- Focus on continuous integration and continuous deployment and promote enterprise solution deployment assets to target environments.
- Stay updated with the latest features/capabilities of the AWS platform.

PROJECTS and TASKS

AWS Architect Build server

- **Role:**   Architect
- **Tools:**   EC2 ,Elastic ip, VPC, LB, RDS.

AWS and GCP Monitoring Service

- **Role:**   Create a User and Assign Role.
- **Tools:**   IAM

Route53 in AWS server

- **Role**:   Hosting
- **Tools**: Route53 and Godaddy

Transit Gateway in AWS server

- **Role**:   Create a VPN tunnel.
- **Tools**: Transit Gateway and VPN.

AWS Deployment on multiple server

- **Role:**   Deployment
- **Tools:**   shell script

AWS Mysql Backup on server

- **Role:**   Backup
- **Tools:**   shell script

AWS and GCP Monitoring Service

- **Role:**   Monitoring
- **Tools:**   Node.js ,java

Migrate project from AWS to GCP

- **Role**:   Migrations

AWS server Deployed Services on Wildfly server

- **Role:**   Deployment and Monitoring.
- **Tools:**   java, Wildfly.

Deploy java project in tomcat server and handled the services of project

- **Role:**   Development
- **Tools:**   Tomcat8 server, java.
- **GCP** :   EC2,MYSQL, Elastic ip, ELB and Auto Scaling

Deploy node js project in node js server and handled the services of project

- **Role:**   Development
- **Tools:**   node js, apache2.
- **GCP** :   EC2, MYSQL.

Monitoring GCP server

- **Role:** Monitoring
- **Tools:** Nagios.

Developed Samba server in Ubuntu local server

- **Role**: Development
- **Tools:** samba server and ubuntu system.
- **Ubuntu local Server**.

DECLARATION

I do hereby declare that the information and facts stated here in above are true and complete to the best of my knowledge and belief.

Rajneesh Kumar Yadav