Name: Rakesh Mahajan
Senior Software Engineer
Email: rakeshbm80@gmail.com
Mobile: 9665588245

Professional Summary

- Software Professional having 6 Yrs & 7 months of experience including 2 Yrs of Assistant Technical Services in (Qube Ingest) & 4 Yrs & 7 months in Cloud AWS (Amazon Web Services).
- Designed, built and deployed multitude applications utilizing almost all of AWS, Including **EC2** (Elastic Compute Cloud), **S3** (Simple Storage Service), **IAM** (Identity Access Management), **SNS** (Simple Notification Service), **VPC** (Virtual Private Cloud), **SES** (Simple Email Service), **Cloud Watch, EFS** (Elastic File System), **Elastic Load Balancer** (Classic/Application), **Route53, Auto Scaling** in launching EC2 instances, Cloud Trail, RDS, AWS CLI (Command Line Interface), Cloud Front, and DB Snapshots.
- Responsible for all tools configurations and coordinating with the teams.
- Strong and effective inter-personal skills and communication skills, ability to interact with clients and team members.
- Commitment, result oriented, and Zeal to learn new technologies and undertake challenging tasks.
- Involved in reviewing the tasks functionally and technically to improve the accuracy and minimizing the rework effort.
- Reporting to the all stakeholders about the daily status of the assigned task including client.

Technical Skills

Operating Systems	:	Linux and Windows.
AWS (Cloud Technology)	:	EC2, VPC, S3, IAM, SES, SNS, Cloud Watch, EBS, EFS, SQS, Elastic Load Balancer, Auto Scaling, RDS, Dynamo DB, AWS CLI, Cloud Trail, Cloud Front, Route53, Glacier.
Linux	:	Enhanced user security with Sudo privileges, back up & restore, Deploy automation.
Servers	:	Web Server and DB Server.
Languages	:	MySQL (basic).

EXPERIENCE:
- Currently Worked in Qube Cinema Technologies Pvt. Ltd as AWS Software Engineer from Nov-2015 to June-2020.

Projects Executed

Project #
Client: PVR, Carnival
Period: Nov 2015 to June 2020
Technology Stack: AWS Cloud

Responsibilities:

- We have taken lead in migration process of servers & data from on-premises data centre to AWS Cloud.
- Responsible for complete administration of **Cloud Infrastructure** in my organization.
- Created **VPC** from the scratch, defined IP ranges in VPC to have better control over VPC.
- Created **Public and Private Subnets** for proper segregation of web servers and database servers to provide high level security.
- Migrated all the object storage to **S3** Buckets and Created **IAM role** with **S3 full access** and attached to **EC2s** to access data without credentials.
- Mounted **EFS** (Elastic File System) with EC2s to have one common storage.
- Configured **SNS** (Simple Notification Service) at auto scaling level and route53 level to get notifications mainly in case of server failures and VPC failures.
- Configured all in Auto Scaling Groups and Launch Configurations.
- Launched **Web servers in public SNs** through Auto scaling and connected to load balancer.
- Provided network to public SNs through Internet Gateways and Route tables.
- Launched **DB servers** in Private SNs and provided internet through NAT server in a secured manner.
- Opened **MYSQL** port in database servers to all the public subnets.
- Launched Bastion/Jump server in Public SNs to have ssh connection into the DB servers which are present in private subnets.
- Assigned Load balancers difficult DNS name to **ROUTE53's** user friendly domain name.
- Enabled **NACLs** (Network Access Control Lists) at both public and private subnet levels to restrict and to allow Ports in providing high security.

Environments: VPC, EC2, Subnets, Gateways, Route Tables, IAM, S3, Web server, Database Server, SNS, Route53, Load Balancers, Auto scaling MYSQL, NAT, NACLs.

M/S Real Image Media Technologies Pvt. Ltd
Chennai
Location :- Aurangabad
Period: Nov 2013 to Nov 2015

Responsibilities:-
- Responsible for Aurangabad, Jalna and Beed districts.
- Report directly and responsible for any specific role given by Mumbai head office.
- To install and maintain specific software associated (Qube) with the digital media.
- To provide onsite service to respective clients and theaters, for films, advertisements & trailers in time bond manner.
- To improve any issues related to Qube XP-D Series 2 Digital Cinema Server for projector associated with digital/analogue-output for audio, video data, Image resolution, frame rates, 3D image formatting, server maintenance and security.
- To solve any customer complaints, also provide any technical support required by clients and timely responsibilities given by the company.

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Academic Qualifications

- M.Sc Computer Science with 59**%** from Dr BAMU Aurangabad in 2011.
- B.Sc Computer Science with 61% from Dr BAMU Aurangabad in 2003.
- HSC with 41**%** from MH State Board in 2000.
- SSC with 49% from MH state Board in 1998.

Declaration:

I hereby declare that given above information are true and correct to the best of my knowledge. I understand that if any information given above is found incorrect my candidature is liable to be rejected.

Thanks,   **DATE: 29/12/2020**
Rakesh Mahajan.   **Place: Aurangabad M.S**

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