

Ab. Hameed Shaikh

Designation (Senior Software Developer-
AWS Cloud Infra Engineer at TIAA GBS, Pune,)
(AWS Cloud | CDH Hadoop Administrator| Linux | Data Lake |
DevOps)



Certifications:

AWS Certified Solutions Architect – Associate: Validation No.7F3RDWBK7ME41Z5F

ACE Certification Number -ACE Certification Number-2020-9423

E-Mail: ab_hameed27@rediffmail.com | **Experience –9+ Year** | Passport | Pune, MH, India, Pin-411001 | **Mobile: +91**
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Professional Summary- Strong Experience with Hadoop distribution like Cloudera, Hortonwork and EMR (AWS Cloud). Expertise in Apache Hadoop framework, Bigdata concepts and AWS cloud with 8+ Years of experience having technical expertise in designing and implementing Bigdata and Cloud solution.

Cloud Technologies	Amazon Web Services
	Senior Cloud Engineer AWS Currently Working
AWS Services	EC2, S3, EMR, Lambda, DMS, Glue, RDS,Redshift, Load Balancers, Athena, VPC(Virtual private Cloud),Elastic Beanstalk, CloudWatch, AutoScaling, CloudTrail, CloudFormation, Systems Manager, Trusted Advisor, EFS, Glacier, SNS, SQS, SES, CloudFront, API Gateway, Workspaces, QuickSight,AppStream 2.0, IAM, Secrets Manager, GuardDuty, Inspector, ACM,AWS Datasync,IAM, AWSCLI 2.0, Boto3, AWS Billing,Text,AmazonTextract,AmazonTranscribe,AmazonTranslate,AWS Backup, AWS Cost Management.
DevOps / CI/CD tools	Teamcity, Jenkins, Gradle, Maven, GitLab, ElectriFlow, Art factory, SonarQueb
Monitoring and Logging	CloudWatch, Ganglia, Splunk.
OS/Platform	Windows, Linux, Kali
Ticketing Tool	Service Now,Jira
Cloud Technology	AWS, Google Cloud, Platform
Hadoop Distribution	Apache, Cloudera, Hortonworks
Big Data Service Or Hadoop administration	MapReduce, YARN, HBase, Hive, impala, Oozie, Hue, Sqoop, Flume, HDFS,Zookeeper, Kerberos, Sentry, Ranger, Open LDAP, SQL, Cloudera, Hortonworks, Kafka, Spark.EMR
Security	Kerberos, Sentry, KMS, Ranger, TLS/SSI, SAML 2.0 Federation, ADFS.
Linux Administration	User and group administration, Process management, build scripts and automated solutions, System Backups & Restores, Installing packages using YUM.
ITIL framework	Incident, Problem, Change and Configuration Management.
DevOps	

Company: TIAA GBS, Pune –Nuveen-TIAA

Duration: Dec 2022 to till Now

Job responsibilities:

1. Job Profile: Senior Software Developer- AWS Cloud Infra Engineer

- ✓ Setup/Managing Linux & Windows Servers on Amazon (EC2, EBS, ELB, SSL, Security Groups, RDS and IAM).
- ✓ Setup/Managing VPC, Subnets; make connection between different zones; Blocking suspicious ip/subnet via ACL.
- ✓ Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon CloudWatch, SNS.
- ✓ Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
- ✓ Creating AWS Instances and Resources Bills.
- ✓ Effectively collaborate and communicate with the stakes holders and ensure client satisfaction
- ✓ Providing first level resolution to clients and escalating the issue to different level/Development teams as per requirement
- ✓ Assisted in migrating existing data centres into the AWS instances.
- ✓ Defined AWS Security Groups, which acted as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
- ✓ Responding to client's questions and concerns in a timely manner
- ✓ Provide business solutions and recommendations to clients to meet project goals.
- ✓ Providing Demo of the project, to project engagement team, including client users
- ✓ Responsible for requesting, analysing and uploading customer contributions.
- ✓ Root cause analysis for customer's storage appliance failure.
- ✓ Fetching reports using SQL based on client's requirements
- ✓ Responding to Source help desk tickets for all aspects of use of the tools and raising ServiceNow request for access management
- ✓ Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS, and SNS services in the AWS cloud.
- ✓ Automating backups by the shell for Linux to transfer data in the S3 bucket.
- ✓ Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
- ✓ Used security groups, network ACLs, internet gateways, and route tables to ensure a secure zone for the organization in AWS Public Cloud.
- ✓ Responsible for CI/CD process implementation using Jenkins and GIT
- ✓ Perform 24x7 production support activities by providing issue analysis and
- ✓ resolution within the specified SLA, depending on the severity of the issue
- ✓ Analyze the issues reported by users and provide solutions
- ✓ Experience on troubleshooting on project's infrastructure
- ✓ AWS Server Manager: Server patching and maintain AWS infra via system manager.
- ✓ Experience on handling with customer when critical escalation calls.
- ✓ Managed AWS infrastructure as code using Terraform
- ✓ User Administration such as adding a new user account/modifying/deleting user
- ✓ account and granting sudo access based on the requirement

Linux/Windows Admin:

- ✓ Responsible for the OS patching on all Linux/Windows servers.
- ✓ Set permission on users, groups, files, and directory.
- ✓ Installation and configuration on Apache and Nginx ,Tomcat9 on Linux servers and analysing the apache and nginx servers logs.
- ✓ Configuration of Remote Access utilities, providing Linux user access control on services like ssh.
- ✓ scheduling the backups of Databases, applications Job with Crontab.
- ✓ Creating users on windows servers and managing permission.
- ✓ Provide Problem Management support, including RCA (root cause analysis) for client impacting incidents and troubleshooting complex problems to fix the root cause for Linux and windows.
- ✓ Provide AWSTechnical expertise including strategic design and architectural mentorship, assessments, POCs, etc., in support of the overall technical operation lifecycle or consulting engagement process.
- ✓ Utilize monitoring tools to proactively identify problems with systems, applications, and networks
- ✓ Experience with Elastic Mapreduce Cluster(EMR) and Hadoop technologies like MapReduce, YARN

2. Job Profile: Lead Analytics

Company: Infocepts Technology- MichaelKors Retail Client

Duration: Jan 2021 to Dec 2022

Job responsibilities:

- ✓ Setup and managed EBS Volumes and EIP to EC2 Instances.
- ✓ Designed AMI images of EC2 Instances by employing AWS CLI and GUI.
- ✓ Created and Managed User Accounts, Log Management, Shared Folders, Reporting, Group Policy Restrictions, etc.
- ✓ Responsible for Troubleshoot various network problems, system problems like Core Dump Analysis.
- ✓ Infrastructure Development on AWS by employing services such as EC2, RDS, Cloud Front, Cloud Watch, VPC, etc.
- ✓ Worked with Management frameworks and Cloud Administration tools.
- ✓ EMR (Creating, Managing) and maintain the EMR cluster

Environment: - AWS Services: IAM, EBS, EC2, VPC, EMR, Athena, Glue, Lambda, Cloud formation, CloudWatch, Elastic Beanstalk, Workspace, Appstream 2.0, RDS, Secrete Manager, AWS Datasync, AWS Billing Management.

- Install, configure, and maintain Linux systems, including Red Hat, CentOS, and Ubuntu.
- Monitor system performance, and troubleshoot and resolve issues related to hardware, software, and network connectivity.
- Implement and manage security policies and access controls.
- Automate system administration tasks using shell scripting and configuration management tools.
- Manage user accounts and file systems.

1. Job Profile: Senior AWS Cloud Admin – Support and Administration(OPS)

Company: ZS Associates(Collabra Payroll)- Lilly, AstraZeneca, BoringlyIngham, Choice Hotel, Takeda, BMS, Cipla, Affinity Monitor, Jazz, etc.

Duration: Apr 2019 to Jan 2021

Job responsibilities:

- ✓ Worked in the AWS environment, involved in utilizing Compute Services (EC2, ELB), Storage Services (S3, Glacier, Block Storage, Lifecycle Management policies), CloudFormation (JSON Templates), Elastic Beanstalk, Lambda, VPC, RDS, Trusted Advisor and CloudWatch.
- ✓ Automated backups of ephemeral-data-stores to S3 bucket and EBS. Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
- ✓ Used security groups, network ACLs, internet gateways, and route tables to ensure a secure zone for the organization in AWS Public Cloud.
- ✓ Experienced in the implementation of the AWS operations dealing with IAAS.
- ✓ Configuring and Networking of Virtual Private Cloud (VPC).
- ✓ Configured and Managed CloudWatch alarms to monitor resources in AWS for Disk, Memory, and CPU utilization.
- ✓ Worked on AWS Auto Scaling in VPC for providing high availability of applications and horizontal scaling of EC2 instances based on a load of applications by using AWS Cloud Watch.
- ✓ Worked on Production Server's on Amazon Cloud (EC2, EBS, RDS, S3, EMR, Redshift, EFS, FXs etc).
- ✓ Handling and troubleshooting issues for Symantec users
- ✓ Working closing with the Global command center team
- ✓ Raising P1 Request with GCC team, and help resolving issues at the earliest
- ✓ Informing team members about the P1 incidents
- ✓ Providing support over Email/Chat and Call

- ✓ Provide an accurate record of each call-in incident management tracking tool
- ✓ Plan, prioritize, organize and completed work to meet established objectives
- ✓ Suggested knowledge base updates to ensure information is current
- ✓ Providing technical support of business application, Escalates to SME, and higher-level support personnel
- ✓ Create and manage network user accounts, troubleshoot and resolve variety of issues
- ✓ Work directly with users having issues throughout entire problem-solving process including identifying the problem, determining the cause, conducting an investigation, explaining step to solve and following up on issue
- ✓ Providing exemplary support to the contracts customers by troubleshooting various technical issues
- ✓ EMR (Creating, Managing) and maintain the EMR cluster.

3. Job Profile: Implementation Executive – Support and HadoopAdministration (OPS)

Company: Nyletech Solution–Finance, Retails and Healthcare Domain.

Duration:November 20 16 – Feb 2019

Hadoop Admin and AWS Cloud Admin

- Working in rotation covering 24x7 for support
- Installation, Configuration, and Maintenance of Various Hadoop distributions like Cloudera and Hortonwork.
- Setting up production grade Hadoop clusters and its components through Cloudera Manager in a virtualized environment (AWS Cloud) and on-premises
- Deploying Hadoop cluster from scratch.
- Hand on experience in Capacity Planning and Cluster planningperformance tuning, cluster Monitoring, Troubleshooting.
- Advanced Experience with Cloudera Distribution of Hadoop (CDH) and Knowledge of different Hadoop Distributions.
- Configuring various components such as HDFS, YARN, Map Reduce (MR2), Sqoop, Flume, Hive, Zookeeper, and Oozie.
- User management in Hadoop Os (Linux) level and Hue application.
- Work with team to plan and configure new features of Hadoop stack.
- Installation and Configuration of Sentry on CDH for authorization.
- Decommissioning and commissioning the Node on running cluster including Balancing HDFS block data.
- Implementation HDFS, yarn High Availability.Responsibilities include Yarn administration
- Data ingestion in a Hadoop cluster using flume and sqoop.
- Generating reposts.
- Recovery task by Creating Snapshots Policies, Backup Schedules, and recovery from node failure.
- Working Knowledge of Kerberos (MIT, AD).
- Experience in Configuring Trash and recovery.
- Implementing Hadoop security using ACL.
- Creating an Amazon EMR cluster by using the AWS Management Console.
- Performing upgrades in Cloudera.
- The configuration of customize database MySQL for Hadoop services and taking database backup.
- Setting quota to the user on HDFS.
- Alert configuration in Cloudera Manager.
- Troubleshooting Hadoop cluster and services configuration related issues.
- Create Data pipeline and Performing distributed copy between clusters.
- Creating an EMR Cluster using AWS.
- Creating schema's in Hive for Ingestion.Monitoring of CM and Nagios alerts.
- Monitoring of long-running jobs through Resource Managers UI.

- Basic Knowledge of Google Cloud.

4. Job Profile: Software Engineer- Application support

Company: Terabyte –Finance, Retails and Healthcare Domani.

Duration: November 20 14 – Oct 2016

Application Support & Trouble shooting

- Providing functional support of the application to client's user teams.
- Undertaking onsite application support with other team members or individually.
- Follow-up with team members and onsite team leader on the issue and take the feedback or provide the feedback of the same to your team leader.
- Undertake the task assigned to you by onsite team leader.
- Inform your team members of any task / activity assigned by client.
- Maintain daily activity logs during shift timings and update onsite team, client and our backend support team on daily basis.
- Priorities the issues based on the impact and share the same with client, onsite team & our backend support team.
- Understand the problem faced by the client and explain the same to the onsite team lead and backend support team.
- Provide respective logs and data to backend support & development team from time to time as required.
- Find the issue and reason for issue by replicating it in the test or UAT environment or understand it by studying client and server log & xml files.
- Provide the resolution or work around to client with consultation with onsite team lead and support team.

Educational Background:

Completed B.E. (Computer Engineering) from Nagpur University in the year 2014 with Percentage of 63% agg58%

H.S.C. cleared from Maharashtra Board in 2008 with Percentage 71.67%

S.S.C. cleared from Maharashtra Board in 2016 with Percentage 58.33%

Other Certification

DOEACC(diploma in application business accounting and multilingual D.T.P from(B GRADE)>=60%<75% 2011

PERSONAL DETAILS:

Name : Ab. Gani Shaikh

Date of birth : 14/05/1991

Nationality :India

Place:

Date:

(Ab.HameedShaikh)