**Ahmed**

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# Experience & Skills Summary

* Working as **a AWS Architect** with **TERAS TECH SOLUTIONS Pvt.Ltd** having **3.3 years** of experience in **Architecting**, **Designing**, **Building** and **Migrating** web applications over **Amazon** Cloud
* Design and Development of high availability architecture to be hosted on AWS Cloud
* Using the services like **EC2,ELB,VPC,RDS,S3,CloudFront** for design and development of windows and Linux infrastructure
* Configuring **Autoscaling,Cloudwatch,Alarms** and **SNS** for scaling and monitoring the infrastructure
* Experience of services like **Route 53,Cloudformation,Elastic Beanstalk,Lambda** and **IAM**
* Automate server using **Lambda and Cloudwatch**
* Worked on environment **Provisioning**, **Administration** and **Monitoring** on **AWS Cloud**
* Worked on **monitoring and maintenance** of web application in **AWS environment** using **Cloud Trail**, **VPC** **Flow Logs** and **Cloud Watch.**
* Worked with **Amazon EC2** including **IAM**,**S3**,**VPC**, **Security Groups**, **Sub-nets**, **NACL**,**NAT GATEWAYS,INTERNET GATEWAYS**,internal and External **ELB** & **Auto scaling** etc
* Good Hands-on with **AWS Lambda**,**RDS** and **CLOUDFORMATION**
* Experience in using Java APIs to retrieve **VPC, EC2 instance, ELB, RDS** and **S3 object details** from the **AWS** **cloud** environment
* Well aware of **DevOps process** and **SDLC** and capable of coordinating with different teams
* Hands of experience on DevOps tools for Continuos integration and continuos deployment
* Provide assistance to clients with the implementation of configuration management, release management and process creation.
* Experienced in planning,installation and administration of **GIT** on Linux and Windows platforms.
* Proficiency in SCM techniques – branching, merging, controlling and monitoring code changes
* Good experience on Build Tool and CI Tools like Jenkins
* Good experience on **Apache Tomcat** servers
* Implemented a CI/CD pipeline involving **Jenkins, AWS** to complete the Automation from commit to Deployment.

**Roles and Responsibility:**

* Nat Gateway setup for internet connectivity at private subnets
* Amazon component alerting and monitoring through cloud watch
* AWS cloud trail setup for auditing of various AWS account
* AWS simple email service setup and monitoring
* S3 Storage setup to make web scale computing easier for developer
* Configured the server for code deployment
* Monitored the Web/App/DB server and solved the performance issues
* creating backups/snapshots and maintaining the application
* Worked on setting up security groups at instance level and NAC list for subnet level security
* Worked as a Pipeline Lead for all applications assessment in order to understand application compatibility with AWS Cloud
* Created the AWS architecture of first move group applications
* Provided the AWS costing to the Application Stakeholders
* Created AWS infrastructure for application deployment
* Created User Access Control using IAM policy for the Application stakeholders
* Worked with application development team for DB dump deployment and its access
* Configured the server for code deployment
* Monitored the Web/App/DB server and solved the performance issues
* Worked as an AWS admin for creating backups/snapshots and maintaining the application
* Manage end-to-end complex data migration, conversion and data modelling
* Understanding the migration strategies and plan
* Define the tools to be used for data migration
* Understanding of migration plan and strategy among project members and business users
* Experience in Data Migration and in Shell/Bash scripting
* Experience in the planning and delivering of complex data migration between systems

**Educational Summary:**

* SSC:10 Board of Secondary Education 2008
* INTER :MPC Board of Intermediate 2010
* Bachelors B.Tech(EEE) JNTUA 2014
* Masters M.Tech JNTUA 2015-17

**Technical Skill Sets:**

* Configuration Management (SCM) Tool : GIT
* Servers : Tomcat Apache
* Build Tools : Maven
* Continuous Integration (CI) Tools : Jenkins
* Databases : SQL,NOSQL
* Operating Systems : Linux, Windows
* Scripting Languages : Python,Bash Scripting
* Configuration tools : Terraform
* Cloud environments : Amazon Web Services(AWS)