Mohammad Khalid Noori

VALLEY STREAM, NY 11580   516-817-7406
mkh.noori@gmail.com   Bold Profile

PROFESSIONAL SUMMARY

Hands - on AWS Technical Architect with 4 Years in developing and Architecting enterprise level large scale multi-tier solutions that require complex Architectural decisions. Result oriented approach with Exceptional leadership skills. Extensive experienced defining IT Roadmap, cloud strategy, Enterprise/solution architecture, Architecture assessment. Hands-on experience on implementing Cloud Solutions using various AWS Services including EC2, VPC, S3, Glacier, EFS, AWS Kinesis, Lambda, Directory Services, Cloud Formation, Ops works, Code Pipeline, Code Build, Code Deploy, Elastic Beanstalk, RDS, Data Pipeline, DynamoDB, Redshift etc. Hands-on experience on Architecting and securing the Infrastructure on AWS using IAM, KMS, Cognito, API Gateway, Cloud Trail, Cloud Watch, Config, Trusted Advisor, Security Groups, NACL etc. DevOps, Configuration Management, Cloud Infrastructure, Automation. It includes Amazon Web Services (AWS), Jenkins, Chef, GitHub, etc. Experienced in designing cloud models for Infrastructure-as-a-service(IaaS), Platform-as-a-service(PaaS), and Software-as-a-Service(SaaS). Good knowledge on Application Migrations and Data migrations from On-premise to AWS Cloud. Worked on infrastructure with Docker containerization. Knowledge in Docker containerized environment, hosting web servers on containers, building docker images Experienced in Installing and configuring Chef Enterprise and Chef Workstation hosted as well as On-Premise; Bootstrapped Nodes; Wrote Recipes, Cookbooks and uploaded them to Chef-server. Experienced in Automated resource creation process using CFT, JSON, YAML and Python scripts through pre-boot and bootstrapping process. Good understanding of monitoring tools like Splunk Used scripting languages like Python, Javascript, and configuration management tools Chef, Puppet, and CF Engine and Web Service like AWS. Developed Chef Cookbooks and Recipes to manage systems configuration. Deployed Microservices, including provisioning AWS environments deploying scalable, highly available, Secured and fault tolerant systems on AWS. Lift and shift of an existing on-premises application to AWS. Selecting the appropriate AWS service based on data, compute, database, or security requirements. Identifying appropriate use of AWS Architectural best practices. Estimating AWS costs and identifying cost control mechanisms. Continuous Integration Tools Jenkins.

SKILLS

- Windows
- MacOS
- Kali-linux pen-testing
- Python
- Javascript

- Kinesis
- Cloud Front
- Cloud Watch
- Cloud Trail
- Cloud Formation

- HTML & CSS
- MySQL
- Ec2
- Elastic Beanstalk
- EFS
- VPC
- RDS
- S3
- Glacier
- IAM
- DynamoDB
- Lambda
- Route53
- SNS
- SQS
- API Gateway
- Code Pipeline
- Code Build
- Elastic Search
- Code Deploy

WORK HISTORY

AWS SOLUTION ARCHITECT   *10/2021 to 08/2023*

Confidential | Columbus, OH

- Designing and implementation of public and private facing websites on AWS Cloud
- Migrating from On-Premise Infrastructure to AWS Cloud
- Focusing on high-availability, fault tolerance, and auto scaling using AWS Cloud Formation
- Configured and managed various AWS Services including EC2, RDS, VPC, S3, Glacier, Cloud Watch, Cloud Front, and Route 53 etc
- Configured various performance metrics using AWS Cloud watch & Cloud Trial
- Worked on configuring Cross-Account deployments using AWS Code Pipeline, Code Build and Code Deploy by creating Cross-Account Policies & Roles on IAM
- Written various Lambda services for automating the functionality on the Cloud
- Used AWS Route 53 for configuring the High-Availability and Disaster recovery to make the environment up and running in case of any unexpected disaster
- Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS and SNS services in AWS cloud
- Involved in setting up builds using Chef as a configuration management tool
- Good understanding on Knife, ChefBootstrap process etc
- Deploying and managing many servers utilizing both traditional and cloud oriented providers (AWS) with the Chef Platform configuration system
- Create AMIs for mission critical production servers for backups.
- Deployed application updates using Jenkins
- Installed, configured, and managed Jenkins
- Experience in building applications of various architecture styles like Micro-services architecture consisting of Restful web services and Docker container based deployments
- Deployed Docker Engines in Virtualized Platforms for containerization of

multiple apps

- Deployed and configured Git repositories with branching, forks, tagging, and notifications
- Installed and configured Nagios as monitoring tool for disk usage, CPU utilization, list of open files etc
- And sending alerts to our teams based on the same.

AWS/ DEVOPS   *10/2020 to 09/2021*

Confidential | Irving, TX

- Designed, deployed, managed and operating scalable, highly available, and fault tolerance system on AWS
- Responsible for configuring and securing the infrastructure on AWS Cloud
- Done the Capacity planning and Architecture Design of AWS Infrastructure
- Configuring the Continuous integration and Deployment(CI/CD) of the code on to AWS cloud
- Responsible for Creating AWS IAM Users, Policies, Groups etc
- Provisioning of AWS resources like EC2, VPC, EBS, AMI, S3 buckets, creation of subnets and all other operational tasks using AWS CloudFormation.
- Performed configuration, deployment, and support of cloud services including Amazon Web Services
- Performing the hardening of AWS root account after requisition
- Creating the configuration for establishing a VPN tunnel between on premise network and AWS VPC
- I also used on demand, spot, reserved instances based on my scenarios and tasks
- Installation and configuration of SCM tool, Ansible on EC2 instance.
- Deployed Microservices, including provisioning AWS environments.
- Provisioned load balancer, auto-scaling group and launch configuration for micro services
- Installation of search technologies such as Apache Solr on AWS EC2.
- Installation of Apache Tomcat on EC2 instances and Installation of build tools such as ANT.

AWS, SOLUTION ARCHITECT   *02/2019 to 10/2020*

Confidential | St Paul, MN

- Designed High available, Scalable, and Secure infrastructure.
- Migrated Applications from different on-premises servers to AWS cloud. and quickly recover from Disaster
- Insured the security and performance of the global web/mobile Applications.
- Automate, Monitor, Audit and Config of the infrastructure.
- Focusing on high-availability, fault tolerance, and auto scaling using AWS Cloud Formation

- Configured and managed various AWS Services including EC2, RDS, VPC, S3, Glacier, Cloud Watch, Cloud Front, and Route 53 etc
- Configured various performance metrics using AWS Cloud watch & Cloud Trial
- Worked on configuring Cross-Account deployments using AWS Code Pipeline, Code Build and Code Deploy by creating Cross-Account Policies & Roles on IAM
- Written various Lambda services for automating the functionality on the Cloud
- Used AWS Route 53 for configuring the High-Availability and Disaster recovery to make the environment up and running in case of any unexpected disaster
- Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS and SNS services in AWS cloud.
- Involved in setting up builds using Chef as a configuration management tool.
- Deploying and managing many servers utilizing both traditional and cloud oriented providers (AWS) with the Chef Platform configuration system
- Create AMIs for mission critical production servers for backup.
- Experience in building applications of various architecture styles like Micro-services architecture consisting of Restful web services and Docker container based deployments
- Deployed Docker Engines in Virtualized Platforms for containerization of multiple apps
- Deployed and configured Git repositories with branching, forks, tagging, and notifications
- Installed and configured Nagios as monitoring tool for disk usage, CPU utilization, list of open files etc
- And sending alerts to our teams based on the same.

EDUCATION

Bachler's in Natural science physics| Graduated in 2012

CERTIFICATIONS

Certified AWS Cloud practitioner
Certified AWS Solution Architect Associate

LANGUAGES

English
Full Professional

Persian
Native or Bilingual

pashto
Native or Bilingual

Hindi
Limited Working

Arabic
Limited Working