

ABDUL MATEEN MOHAMMED

abdulmohammed.professional@gmail.com

+1 (201)-426-4220

SUMMARY

- 8+ years in the field of Information Technology industry focusing on AWS Cloud and Middleware Technologies. Extensive experience working as AWS Cloud Engineer and related technologies that includes AWS (EC2, EBS, S3, VPC, RDS, SES, ELB, EMR, CloudFront, CloudFormation, Elasticache, Elastic search, CloudWatch, RedShift, Lambda, SNS, DynamoDB, AWS Import/Export).
- Having AWS Certified Solutions Architect and experienced in implementing AWS cloud models for Infrastructure-as-a-Service(IaaS) and Platform-as-a-Service(PaaS).
- Experience in UNIX System Administration in Red Hat Linux 4/5/6, Ubuntu, CentOS and Win 2012/2008 Servers.
- Experience Installing and administering Web Logic Application Server 8.x/7.x environments.
- Administered and Supported Web Logic Application Server clustering, workload management and failover.
- Worked on AppDynamics Monitoring of large scale JEE Application, .NET Application.
- Created health rules Dashboards and Reports for various applications on AppDynamics
- Installation and configuration of Jboss and Apache tomcat Application Servers 7.x/6.x.
- Performed configuration, deployment and support of cloud services including Amazon Web Services
- Experience in log management by using log entries and ELK stack Elasticsearch, Logstash and Kibana for over 150 servers.
- Experience in general administration (deployment, configuration, redeployment, problem investigation and support) of applications running on JBoss application servers platforms.
- General administration (deployment, configuration, redeployment, problem investigation and support) of applications running on JBOSS application servers platforms.
- Installation, upgrades, patching and support of Jboss Application Servers
- Experience in infrastructure deployments with tools such as Chef, Puppet and Jenkins.
- Hands on experience of Build & Deployment phase and usage of Continuous Integration (CI/CD) tools, build configuration, change history for releases, Maintenance of build system, automation & smoke test processes, managing, configuring, and maintaining source control management systems.
- Implemented multiple CI/CD pipelines as part of DevOps role for our on-premises and cloud-based software using Jenkins, Chef and AWS/Docker.
- Experience in providing 24/7 on call production support for the production systems.
- Experienced in tuning of application servers by Tivoli Performance Viewer like monitoring the dynamic cache size and JVM heap size using collected Performance Monitoring Infrastructure (PMI) data.
- Develop tools to automate the deployment, administration, and monitoring of a large-scale Linux environment using Puppet.
- Experience working on Docker hub, creating Docker images and handling multiple images primarily for middleware installations and domain configurations
- Set up Jenkins server and build jobs to provide continuous automated builds based on polling the Git.

SKILLS AND CORE COMPETENCIES:

App Servers & others:

- *IBM WebSphere Application Server 8.x/7.0/6.x, WebSphere MQ 7.x/6.x, Weblogic 10.11, Jboss 7/6, Apache Tomcat*
- *IIS, Apache.*
- *IBM HTTP Server 8.x/7.0/6.x, Apache 2.x, IIS 6.0/5.0,*
- *IBM Directory Server 6.x, Novell eDirectory, MS Active Directory 2008*
- *IBM Edge Server, IBM TAM/WebSeal 6.x, CA Siteminder 5.x/6.x*

AWS Cloud:

- *AWS EC2, VPC, EBS, AMI, SNS, RDS, ECS, EBS, CloudWatch, CloudFormation, Lambda*
- *S3, Glacier, RDS, DynamoDb, Elasticache, Redshift*
- *EC2 VPC, ELB, CloudFront, DirectConnect, Route53*
- *CodeDeploy, Puppet, Jenkins, GIT, Powershell, Jira, Confluence*
- *Docker, EC2 Container Services, Kubernetes, Docker swarm*

Web Technologies:

- *JSP, Servlets, EJB, JDBC, RMI, JMS, Web Services, Java Beans, JNDI, AWT, Swing, JavaScript, VB Script*

Databases:

- *Oracle 11i/10g, DB2/UDB 10.x/9.x, MS SQL Server 2008, MySQL, MongoDB*

Programming Languages:

- *C, C++, Java, JACL, SQL, PL/SQL, Perl, Pascal, Shell Programming.*

Networking:

- *TCP/IP, LDAP, OSE, MTP, RMI/IIOP, SOAP, HTTP, HTTPS*

Operating System:

- *RHEL 7/6.x/5.x, SUSE Linux 10.x/9.0/8.0, HP-UX*
- *IBM AIX 6.x/5.3, Sun Solaris 10/9.0*
- *Windows 2012 Server, Windows 2008 & 2003 Server*

EDUCATION:

- *Bachelor's in Electronics and Communication Engineering, JNTU, India.*
- *Master's in Computer Science, IL*

CERTIFICATION:

- **AWS Certified Solutions Architect**

WORK EXPERIENCE:

Company	CAT Technology, Inc.
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Client	AEGON/TRANSAMERICA
Location	Plano, TX
Duration	August 2018 – Present
Title	Infrastructure Cloud Engineer/ Application Support Engineer

Responsibilities:

- Experience with analysis of logs and performing root cause analysis for various issues coming up on daily basis.
- Creating Cloudwatch alerts for instances and using them in Auto scaling launch configurations and configured Route 53.
- Utilize Cloudwatch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamodb tables, and EBS volumes.
- Build Customized Amazon Machine Images (AMIs) & deployed these customized images based on requirements. Provided security and managed user access and quota using AWS Identity and Access Management (IAM).
- Experience with bash and powershell scripting for automating tasks.
- Supported various applications running on Web Logic and Jboss application Servers. Web Logic Administration, Monitoring and Troubleshooting issues.
- General administration (deployment, configuration, redeployment, problem investigation and support) of applications running on JBOSS application servers platforms.
- Installation, upgrades, patching and support of Jboss Application Servers.
- Installed and configured configuration tool such as ChefServer / workstation and nodes via CLI tools to AWS nodes.
- Utilized Configuration Management tool Chef & created Chef Cookbooks using recipes to automate system operations.
- Experience on AWS cloud services like EC2, S3, RDS, ELB, EBS, VPC, Route53, Auto scaling groups, Cloudwatch, Cloudfront, IAM for installing configuring and troubleshooting on various Amazon images for server migration from physical into cloud.
- Designed Architectural Diagrams for different applications before migrating into Amazon cloud for flexible, cost- effective, reliable, scalable, high-performance and secured.
- Installed JBoss EAP7, setup as service in IBM AIX, Linux and Windows Environments.
- Implementation and administration of Microsoft IIS 8.5, and Microsoft SQL 2012. Deployed applications, configured data sources and tuning apache jboss application server.
- Installation, Configuration and Administration of Web Logic Application Server ND 8.x/7.x, JBoss 6.x in RHEL 6.x environment.
- Performed Administration and Support tasks for Web Logic Application Server 7.x/8.x applications.
- Troubleshoot and isolate the root cause of such problems by Mining performance data from AppDynamics and viewing it in Splunk using the AppDynamics Controller REST API
- Expertise in installing and configuring AppDynamics controller and Agents
- Worked with containerization tools, can implement transition to Docker and develop distributed cloud system using Kubernetes and Helm package manager for Kubernetes.
- Managing IIS Web Servers and Troubleshooting the .NET applications thru Advanced IIS tracing techniques.
- Implement and Migrate IaaS and PaaS instances between public and private AWS clouds.
- Created IAM policies to grant granular permissions to specific AWS Users, Groups, and Roles.
- Automating AWS deployment and configuration tasks using Lambda.
- Worked with Elastic Load Balancers, created Launch Configurations and Auto-Scaling Groups.

- Employed System Center Operations Manager to collect performance data and monitor AWS resources including EC2, EBS, ELB, Auto Scaling groups, and CloudFormation stacks.

Company	CAT Technology, Inc.
Client	Prolifics/ Guardian Life Insurance Company of America, NY
Location	New York, NY
Duration	Oct 2017 – August 2018
Title	AWS Middleware Admin

Responsibilities:

- Involved in designing and deploying a multitude applications utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, Dynamodb, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud formation.
- Design roles and groups using AWS Identity and Access Management (IAM) and Managed hardware, software, and networking for a large scale cluster on Amazon EC2.
- Expertise in migration and up gradation of Weblogic Server and updating JDK versions,
- Hands on Experience with WordPress and have a good knowledge on Content Management Systems.
- Applying patches and installing service packs for Weblogic server. Installed EARs, WARs and configured application specific JVM settings, Web container parameters using the Admin Console scripts.
- Created and managed MQ 7.x, objects including queue managers, remote/local queues, Integrated Web Logic Applications with MQ 7.x series using JMS Admin.
- Used security groups, IAM roles, scaling groups, load balancers, Monitored EC2 instances with Cloudwatch.
- Worked on JVM configuration, log rotation, Enabling HTTPS connection using certificate, set up as service in Linux and Windows Environments.
- Migration of Applications, creating cluster, JVM configuration in JBoss EAP7.
- Configured Web Server interfaces, session management, virtual host, variables, and Http transport for Application Servers.
- Experience in configuring various application parameters like JVM class paths, Web Container, EJB Container, PMI interfaces and environment properties.
- Created management scripts for configuration changes, configuration backups, and complex application failover when related to the Apache/Web Logic/Jboss configuration.
- Closely worked with quality and regulatory department to run GCP audit at client place.
- Develop, Maintain, update various scripts for services (start, stop, restart, recycle, cron jobs) UNI
- Utilize Cloudwatch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamodb tables, and EBS volumes.
- Design, build and manage the ELK (Elasticsearch, Logstash, and Kibana) cluster for centralized logging and search functionalities for the App.
- Created stored procedures to import data in to Elasticsearch engine.
- Build Customized Amazon Machine Images (AMIs) & deployed these customized images based on requirements. Provided security and managed user access and quota using AWS Identity and Access Management (IAM).
- Experience with bash and powershell scripting for automating tasks.
- Configured S3 buckets and integrated with backup tools and Oracle RMAN and made sure the backups are successful.

- Worked on Docker container snapshots, attaching to a running container, removing images, managing directory structures and managing containers.
- Installed, configured, administered Apache, Jboss, Web Sphere Application Server ND and Web Logic MQ on Linux for multiple high profile projects.
- Developed startup and shutdown scripts for the Weblogic servers.
- Deployed Applications into PROD & Pre-Prod environments with various Application server technologies like Web Logic & Jboss.
- Implemented Nagios tool for Monitoring and analyzing the network loads on the individual Machines.

Company	CAT Technology, Inc.
Client	IBTS
Location	Ashburn, VA
Duration	Feb 2017 – Sep 2017
Title	AWS Middleware Engineer

Responsibilities:

- Involved in designing and deploying a multitude application utilizing almost all of the AWS stack (Including EC2, Route53, S3, RDS, Dynamodb, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud formation. Used security groups, IAM roles, scaling groups, load balancers, Monitored EC2 instances with CloudWatch.
- Experience with analysis of logs and performing root cause analysis for various issues coming up on daily basis.
- Managing IIS Web Servers and Troubleshooting the .NET applications thru Advanced IIS tracing techniques.
- Create SSL Certificates with Entrust and Upload it to Microsoft IIS.
- Installed and Configured the IBM HTTP Server v8.x and Web server plugins. Configured web server definitions in Admin Console for remote management.
- Performed IIS 8.5 WebLogic 9.x/10.x/11g, Jboss 5.x/6.x server administration tasks such as Installation, configuration, monitoring and performance tuning. Troubleshooting and performance tuning using TPV. Performed Web Logic performance tuning parameters like JVM Heaps, Connection pooling, thread pooling, session management etc.
- Implement and Migrate IaaS and PaaS instances between public and private clouds.
- Creating Cloudwatch alerts for instances and using them in Auto scaling launch configurations and configured Route 53.
- Utilize Cloudwatch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamodb tables, and EBS volumes.
- Experience with bash and powershell scripting for automating tasks.
- Supported various applications running on Web Logic and Jboss application Servers. Web Logic Administration, Monitoring and Troubleshooting issues.
- General administration (deployment, configuration, redeployment, problem investigation and support) of applications running on JBOSS application servers platforms.
- Installation, upgrades, patching and support of Jboss Application Servers.
- Installed and configured configuration tool such as ChefServer / workstation and nodes via CLI tools to AWS nodes..
- Managed multiple AWS accounts with multiple VPC's for both production and non-production where primary objectives included automation, build tool, integration and cost control.

Implemented and maintained Chef Configuration management spanning several environments in VMware and the AWS cloud.

- Managed deployment automation using Terraform to automate system operations.
- Created many Terraform modules to manage configurations, applications, services and automate installation process for Web Server and AWS instances.
- Run Hadoop streaming jobs to process terabytes of XML data
- Written Chef Cookbooks for various DB configurations to modularize and optimize end product configuration, converting production support scripts to Chef Recipes and AWS server provisioning using Chef Recipes.
- Experienced in configuration management tools such as Ansible, Chef and Maven.
- Worked on CI/CD for the microservices application using Jenkins & ant, Maven.
- Worked with Jenkins on CI/CD pipeline providing continuous improvement to agile software development teams.
- Involved in Installing and configuring of application deployment tool CHEF.

Client	Espirit America
Location	Hyderabad, India
Duration	Mar 2013 – July 2015
Title	Middleware Admin

Responsibilities:

- Installed JBoss EAP7, setup as service in RHEL Linux and Windows Environments.
- Installed, Configured and managed Web Logic Application Server ND V8.5/7.0 and IHS Server V8.5/7.0 on RHEL 5.x environments.
- Created IHS Web Server instances one per each site and configured host aliases. Bind the Virtual IP's to Physical IP's for all SSL sites to balance the load between web servers in round robin fashion.
- Worked on JVM configuration, log rotation, Enabling HTTPS connection using certificate, set up as service in Linux and Windows Environments.
- Migration of Applications, creating cluster, JVM configuration in JBoss EAP7.
- Created management scripts for configuration changes, configuration backups, and complex application failover when related to the Apache/Web Logic/Jboss configuration.

- Created authentication alias, JDBC providers, and data sources in Web Logic and JBoss application servers.
- Supported various applications running on WebLogic and Jboss application Servers. WebLogic Administration, Monitoring and Troubleshooting issues.
- Configured session management and used database for distributed sessions to persist session data.
- Installed and configured Siteminder 6.x/5.x Web Agents with HTTP Server and App Agents with Web Logic for external authentication and single sign on.
- Experience working with CA Siteminder policy server 5.x/6.x and implement policy-based security using Web Agents, User Directories, Realms, Authentication
- Installed and Configured IBM MQ V7.x on windows server and Integrated MQ with Web Logic Application Server for Java Messaging Service.
- Created and Configured Queue Manager, Queues, Process Definition, Channels, Listener and Channel initiator and checked the channel communication between Application Server and JMS Server.
- Active involvement in monitoring Application Server performance, network traffic to reduce performance glitch by enhancing performance ensuring upstream queuing.
- Configured Web Server interfaces, session management, virtual host, variables and Http transport for Application Servers.
- Experience in configuring various application parameters like JVM class paths, Web Container, EJB Container, PMI interfaces and environment properties.
- General administration (deployment, configuration, redeployment, problem investigation and support) of applications running on JBOSS application servers platforms.