

## Contact

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## Top Skills

Amazon Web Services (AWS)  
Linux  
Shell Scripting

# Pallavi A

AWS Cloud Engineer at Tech Mahindra  
Bengaluru, Karnataka, India

## Summary

- AWS cloud engineer with around 5+ years of experience in IT Infrastructure comprising of Software configuration, Systems Administration, Cloud implementation, Linux Administration and WebSphere Administration.
- Cognitive about designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services (AWS).
- Hands on experience in Amazon Web Services including EC2, S3, EBS, ELB, Elastic IPs, Cloud-Front, RDS, Cloud Formation, Route53, SQS, SNS, Auto Scaling, Storage Lifecycle Rules, AMI, Cloud Trail.
- Hands-on Experience in configuration of Network architecture on AWS with VPC, Subnets, Internet gateway, NAT, Route table.
- Configured IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
- Used security groups, network ACL's, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
- Implementing, maintaining, monitoring and alerting of production and corporate servers/storage using AWS Cloud Watch.
- Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.
- Experienced with installation of AWS CLI to control various AWS services through SHELL/BASH scripting.
- Experience with AWS data migration tools and technologies including Storage Gateway and Database Migration.
- Possess high working qualities with good interpersonal skills, high motivation, fast learner, good team player and proactive in problem solving to provide best solutions.

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## Experience

Tech Mahindra  
AWS Cloud Engineer  
August 2015 - Present  
Bangalore

- Managing Amazon Web Services (AWS) infrastructure.
- Proficient in AWS services like VPC, EC2, S3, ELB, AutoScalingGroups(ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail.
- Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
- Created NAT gateways and instances to allow communication from the private instances.
- Used security groups, network ACL's, internet gateways and route tables to ensure secure zone for organization in AWS public cloud.
- Created and configured Elastic Load Balancers and Auto Scaling groups to distribute the traffic and to have cost efficient, fault tolerant and highly available environment.
- Created S3 buckets in AWS environment to store files, sometimes which are required to serve static content for a web application.
- Configured S3 buckets with various life cycle policies to archive infrequently accessed data to storage classes based on requirement.
- Possess good knowledge in creating and launching EC2 instances using AMI's of Linux and Windows and wrote shell scripts to bootstrap instance.
- Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
- Written cloud formation templates in JSON to create custom VPC, subnets, NAT to ensure successful deployment of web applications.
- Implemented domain name service (DNS) through Route 53 to have highly available and scalable applications.
- Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
- Experienced in creating RDS instances to serve data through servers for responding to requests.
- Created snapshots to take backups of the volumes and also images to store launch configurations of EC2 instances.

Altisource  
Linux Administrator/WebSphere Administrator  
November 2013 - July 2015 (1 year 9 months)

## Bangalore

- Installed and configured Red Hat Linux virtual machines and Windows NT servers for various applications.
- Management of Linux user accounts, groups, directories and file permissions.
- Implemented, configured and deployed new patches, upgrades, bug fixes on both physical and virtual Red Hat Linux servers using satellite server and YUM server.
- Experience in performance monitoring, system tuning, security, backup, recovery and upgrade/patches of Linux servers using Cron tab.
- Implementing, Managing and Troubleshooting hardware devices and drivers, installing the service pack and updating drivers.
- Experience in installing, configuring and maintaining application Server like Web Servers like Apache HTTP and Tomcat on Linux.
- Managed systems routine backup, scheduling jobs, enabling Cron jobs, enabling system logging and network logging of servers for maintenance.
- Involved in WebSphere Application Server environment setup includes IBM HTTP Server, Apache Web Server in UNIX and Windows.
- Responsible for Starting and Stopping Servers, applications, Clusters, And Nodes Agents.
- Federated multiple nodes to the Deployment Manager.
- Installed, configured and maintained IHS Webserver.
- Involved in designing WebSphere Application Server Horizontal and Vertical Clustering.
- Configured WebSphere Application Server in conjunction with Oracle & IBM DB2.
- Configured WebSphere resources including JDBC Providers, JDBC Data Sources, and Connection Pooling.
- Implemented WebSphere Global Security using LTPA and LDAP Server.
- Involved in configuring and setting up Virtual Hosts and Session Management.
- Used Garbage Collector to analyze verbose logs to monitor & assess JVM heap usage.
- Analyzed Console Messages, Java Exceptions, Log Files and Traces.
- Application deploy using EAR and WAR files through deploy scripts and admin console.
- Performed routine management of WAS like monitoring disk space and CPU utilization.

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## Education

Jawaharlal Nehru Technological University, Anantapur