**Amazon Web Services Resume Technical Skills:**

* Worked on Amazon Web Services ( EC2, ELB, VPC, S3, CloudFront, IAM, RDS, Route 53, CloudWatch, SNS,).
* Installed and Setup Web Servers ( Apache and Tomcat ), DB Server ( MySQL).
* Installed and Setup MySQL (Master and Slave) Server, Multiple MySQL Instance with a different port.
* MySQL Database backup (Hot/Cold) and recovery, repair and optimize tables,
* MySQL Database security, creating users and managing permissions.
* Server’s, Domain’s and Database’s migration on Amazon Web Services.
* Installed and Setup Nagios Server monitoring tools, Plugging, NRPE.
* Installed and Setup Git/SVN Repository (Version Control System) at the client side.
* Worked on Virtualization (LVM, Bridge, KVM, Disk, Ram, Cpu, Swap) on Superb DC.
* Log Analysis, Maintaining documents of production server error log’s reports.
* Providing data for a weekly and monthly report to senior management.
* Monitor Production Server Health of different parameters (CPU Load, Physical Memory, Swap Memory, Hard disk, Mysql service, Http service and response time) via MRTG, Nagios.
* Investigation and Recover of Production Server Issues like as Server load (parsing, mailq, query stuck), etc.
* Manipulation of shell scripts; php scripts and java scripts during migration and db connection.
* Setup MRTG Monitoring tool to Monitor Production Servers Health, Nagios, top, mtop.
* Scheduling jobs using crontab, Create SWAP Memory.

**As an AWS Admin:**

* Setup/Managing Linux Servers on Amazon ( EC2, EBS, ELB, SSL, Security Groups, RDS and IAM).
* Setup/Managing VPC, Subnets; make the connection between different zones; Blocking suspicious ip/subnet via ACL.
* Setup/Managing CDN on Amazon CloudFront ( Origin Path: Server / S3) to improve site
* Create/Managing buckets on S3 (CLI) and store db and logs backup, upload images for CDN serve.
* Setup/Managing Databases on Amazon RDS. Monitoring servers through Amazon CloudWatch, SNS.
* Creating/Managing DNS records on Amazon Route 53 and go-daddy panel.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Creating AWS Instances and Resources Bills.

**AWS Sample Resume – Key performance indicators:**

* Management of 200+ Linux Servers with Multiple websites in Heterogeneous environment
* Monitoring external and internal websites of the organization through monitoring tools Nagios, Icinga, NewRelic and Identifying issues as per the alerts and providing immediate resolution.
* Setting up a new DNS and a corresponding VHOST to make the website functional
* Responsible for troubleshooting Mount points, NFS, Mail issues.
* Working with Ticketing Tools ( ServiceNow, Kintana, Lighthouse)
* Maintained and configured Web server: Apache and Application servers (Tomcat).
* Working with Rewrite Rules and put redirection.
* Nagios & Icinga administration, Configuring and Troubleshooting alerts
* Worked with Cronjobs for log rotation and RSYNC for Data center migration activities
* Scheduling downtimes of the servers for patching, memory upgrades and various admin activities in coordination with Appropriate teams
* Working with Load balancer BIG F5 (Panel). Deploying certificates (SSL), setting up VIP and pools accordingly
* Working within SLA to take ownership, escalate to resolve

**AWS Sample Resume – Key performance indicators:**

* Installing, Setup and Migration Dev. and Prod. Servers (Apache, MySQL, PHP, Perl, Git, Scripts manipulation. etc).
* Setting up a new DNS and a corresponding VHOST to make the website functional
* Worked on Production Server’s on Amazon Cloud (EC2, EBS, RDS, S3, Route 53).
* Worked and Troubleshoot Git Repositories on Production, Staging, Development and Local Server’s.
* Configure User Required Domain’s on apache server.; User Administration and Permission;
* Monitor Production Server Health of different parameters (System Load, Physical Memory, Swap Memory, Hard disk, Apache requests, Mailq) via MRTG and Nagios.
* Investigation and Recover of Production Server Issues like as Server load (Parsing, mailq, query stuck).
* Monitor MySQL Database Backup on AWS cloud S3 (CLI).
* Log Analysis, Maintaining Document’s of production server log’s reports and server’s list.
* Worked on Virtualization (LVM, KVM, Bridge, Swap) on Superb DC.
* Scheduling jobs and log rotations using crontab;
* Create and Manipulate shell scripts on Production server for backup on AWS.
* Give Remote Support to Developer via team-viewer; Give on Ticket Support, Mobile Support (24 hrs).

Sample roles aws

* Manage the AWS infrastructure and strategic vendor relationships including development firms
* Work with internal teams to create the migration process of legacy systems to the AWS cloud
* Work with business unit managers to understand project scope, suggest possible alternatives and document each step of the design
* Work with Security division to design and manage IAM roles for users, vendors and other third party vendors
* Work with several third party vendors in big data and other areas to support our overall cloud initiative
* Working knowledge of programming languages
* Partner with the sales team, formulate and execute a sales strategy to exceed revenue objectives through the adoption of AWS
* Actively manage the day to day AWS accounts, make recommendations on how best to support our global infrastructure and interact with Developers and Architects in cross functional areas
* Work with Security division to design and manage IAM roles for users, vendors and other third party vendors
* Work with business unit managers to understand project scope, suggest possible alternatives and document each step of the design
* Work with internal teams to create the migration process of legacy systems to the AWS cloud
* Participate in the creation of the overall AWS multi-year road map
* Manage the AWS infrastructure and strategic vendor relationships including development firms
* Work with several third party vendors in big data and other areas to support our overall cloud initiative
* Hands on experience with AWS CLI interface
* Hands on experience designing Scalable AWS solutions
* Strong presentation skills with the ability to take very technical concepts and present them to no technical teams
* Experience working in an e-commerce environment with a deep understanding of web and database technologies
* Passionate about AWS and moving a company to the cloud
* As a Solutions Architect, you will have the opportunity to help shape Analog Device’s cloud infrastructure utilizing Amazon's utility computing web services (e.g., AWS EC2, S3, RDS and AWS-IoT)
* Your broad responsibilities will include: lead and own the technical engagement (design and build) and ultimate success around specific implementation projects
* Provide architecture expertise for custom vertical solutions
* Accelerate AD’s ADConnect (development platform) cloud offering through automated Cloud Formation templates
* Report on State-of-the-Market for IoT Solutions in General, and use that information to inform the IoT Solution Architecture
* Provide subject matter expertise on security as it relates to cloud architectures
* Degree in Computer Engineering or equivalent
* Ability to think strategically about business, product & technical challenges
* Should be highly technical and analytical with implementation / consulting experience
* Deep knowledge of the primary AWS services (EC2, ELB, RDS, Route53, S3 & AWS-IoT)
* Strong track record of architecting custom solutions utilizing AWS services
* Leading highly-available and fault-tolerant enterprise and web-scale software deployments
* Infrastructure automation through DevOps scripting (E.g. shell, Python, Ruby, Powershell)
* Configuration management using CloudFormation, Chef & Puppet
* Strong practical Linux and Windows-based systems administration skills in a Cloud or Virtualized environment
* Understanding of application, server, and network security and government requirements such as HIPAA is an advantage
* Experience managing data center operations, including data assurance, monitoring, alerting and notifications

Worked as an AWS Solutions Architect in team where I was expected to build and maintain infrastructure that could store, process & manage the huge amount of data collected from various sources. Netflix as we know deals with both streaming and stationary data it was important to consider scalability requirements.

* Collaborated with various team & management to understand the requirement & design the complete system
* Experience in guiding the classification, plan, implementation, growth, adoption and compliance to enterprise architecture strategies, processes and standards
* Designed and developed highly scalable and available systems
* Worked with services like EC2, Lamba, SES, SNS, VPC,CloudFront, CloudFormation etc,
* Demonstrated expertise in creating architecture blueprints and detailed documentation. Created bill of materials, including required Cloud Services (such as EC2, S3 etc.) and tools
* Involved in the end to end deployment process