

## Ashish Mewal

Aws Cloud Engineer,InfoBeans

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## Career Objective

To contribute to the success of an organization by leveraging my expertise in AWS Cloud, DevOps, and automation to design and implement scalable, reliable, and secure infrastructure solutions. Committed to driving operational excellence through proactive monitoring, troubleshooting, and innovative problem-solving

## Summary

- ❖ AWS Certified Solution Architect with around 4 years of experience in designing scalable, reliable, cost-efficient, and secure multi-tier infrastructure solutions on Amazon Web Services (AWS). Expertise in services like EC2, VPC, EBS, IAM, S3, RDS, SNS, SQS, Cloud Watch, Route 53, DynamoDB, Cloud Front, ELB, ASG.
- ❖ DevOps Proficiency in implementing CI/CD pipelines using Jenkins and Git, containerization with Docker, and infrastructure automation with Terraform, ensuring seamless deployments and operational efficiency.
- ❖ Skilled in Cloud Monitoring and Troubleshooting using CloudWatch, X-Ray, and Log Insights to investigate alarms triggered by metrics such as response time, Lambda/database throttling, and 4XX/5XX errors. Adept at managing load balancers (ALB/NLB) and optimizing application performance in multi-region environments.
- ❖ Hands-on experience automating workflows for alarm investigation and operational monitoring, leveraging AppSync, EventBridge, and serverless solutions like Lambda, while ensuring SLA compliance and application reliability.

## Work experience

- ❖ Aws Cloud Engineer at Wipro Pvt Ltd | July 2021 – Feb 2024
- ❖ Devops Engineer at Msys Technologies | Feb 2024 – Nov 2024
- ❖ AWS Cloud Engineer at Infobeans Technologies | November 2024 – Present

## Technical essential qualities

- **Technologies:** AWS/Cloud, Git, Github, CI/CD, Jenkins, Docker, Nagios, Aws, Ansible, Terraform.
- **Browser:** - IE, Google Chrome, Microsoft-Edge
- **Operating System:** Windows, Linux
- **Ticketing Tool:** - Service Now, SSO, JIRA, GitHub

## Projects

- ❖ **Wipro Pvt Ltd**  
Origin AUS | Aug 2021 – Feb2024  
**Project name:** - Origin Energy Project  
**Technologies:** - AWS, Tableau, Linux  
**Contribution:** - Providing Security, Creating Servers, Distributing Load, Scaling Servers, Storage, Creating Databases, Creating Network, Enabling Notifications, Monitoring, SharePoint support, etc.

#### ❖ **Msys Technologies**

Nutanix | Feb 2024 – Nov 2024

**Project name:** - Nutanix Project

**Technologies:** - Git, Github, Docker, CI/CD, Jenkins, Ansible, Terraform, AWS, Linux

**Contribution:** - Manage Git version control and Github for repository and code review. configured Jenkins for CI/CD pipelines, automated builds, test, and deployments. used Docker for containerization and deployment orchestration. Implemented monitoring and ensured efficient pipeline operations. Handled server creation, scaling, and storage.

#### ❖ **InfoBeans Technologies**

Totogi US | Nov 2024 – Jan 2024

**Project name:** - Totogi Project

**Technologies:** - AWS CloudWatch, X-Ray, Lambda, DynamoDB, AppSync, Neptune, EC2, ALB, NLB, ASG, S3, Event Bridge.

**Contribution:** - Investigated and resolved alarms for response time, database throttling, and 4XX/5XX errors. Monitored and optimized AppSync APIs, EventBridge integrations, and load balancers (ALB/NLB). Used X-Ray for trace analysis, Log Insights for log troubleshooting, and Lambda for automation. Managed multi-region dashboards, ensured SLA compliance, and automated alarm workflows.

## Academic qualifications

- B. Tech in Electronics & Telecommunication Engineering from Csmss Chh Shahu College of Engineering, Aurangabad with 84.50 %, passed in 2021.
- Higher Secondary Certificate (12<sup>th</sup>) from HSC Board with 62 % Passed in 2017
- Senior Secondary Certificate (10<sup>th</sup>) from SSC Board with 87.80 %. Passed in 2015

## Core Technical Responsibility

#### ❖ **AWS Server & Cloud**

- Creating & launching instances in different availability zones, attach/detach ELB, create and restore backups of EC2 instances using AMI, Setup/ Managing Linux and windows servers on AWS, Environment setup in AWS including VPC, Security Groups, Sub-nets Assigning & creating security groups as per environment, Configuring S3 bucket storage, Creating and updating IAM policies as per requirement Taking snapshots of volumes as backup & restore them, Configuring & Monitoring EC2 matrices using Cloud Watch, Creating Highly Available Environments using Auto-Scaling, Load Balancers, Setup/Managing Databases on Amazon RDS, Monitoring servers and databases through Amazon Cloud Watch

#### ❖ **Devops and AWS**

- Proficient in using Git for source code management, including branching, merging, and pull requests, and experienced with GitHub for repository management, code reviews, and issue tracking. Adept at configuring Jenkins pipelines for continuous integration and deployment, and knowledgeable in designing and managing CI/CD pipelines to automate build, test, and deployment processes. Skilled in using Docker for containerization, including creating Dockerfiles, managing container images, and orchestrating container deployments with Docker Compose, which enhances application deployment consistency and scalability. Familiar with Terraform for provisioning infrastructure as code, enabling efficient, repeatable cloud environment setups, and Ansible for automating configuration management and deployment tasks across environments. Experienced with monitoring tools and practices to ensure the health and efficiency of deployment pipelines.

## ❖ Cloud Monitoring, Investigation, and Troubleshooting

- Monitored CloudWatch alarms triggered for application services hosted in multi-region environments (us-east-1 and ap-southeast-1), including ALB, NLB, Lambda, DynamoDB, and AppSync. Investigated alarm triggers by analyzing CloudWatch metrics, filtering time-specific logs, and identifying spikes or unusual behavior. Utilized AWS X-Ray Traces to perform root cause analysis for latency issues in segments. Troubleshoot logs using Log Insights, creating queries to isolate errors like `TransactionCancellationException`, Lambda throttling, and provider-related mismatches. Diagnosed database throttling issues by analyzing DynamoDB metrics and identifying key spikes or inconsistencies contributing to `TransactionCancellationException`. Managed and optimized load balancers (ALB/NLB) by monitoring target group health, unhealthy host counts, and response time metrics to maintain high availability and performance. Performed cross-service monitoring for integrated solutions using EventBridge, AppSync, and Lambda to ensure application reliability and operational excellence. Automated routine investigation workflows and reports for CloudWatch alarms to streamline operations and improve efficiency in SLA-bound responses. Investigated potential false alarms caused by temporary spikes, deployment activities, or misconfigurations. Verified ongoing deployments in GitHub Actions to ensure alarm validity.

## ❖ ITIL Framework and Security:

- Used ITIL Framework (Service Now Dashboard) to track issue & change management, find RCA for incidents and documenting the resolution for the same, Creating and managing checklists, SOPs, evaluation reports, Taking AMI of instances as part of weekly/monthly audits, Help to provide KT's for newer recruits for complete web application life cycle and infrastructure outlook, Identifying appropriate use of AWS operational best practices, Ensuring cloud security using AWS security IAM, NACL, Security Groups, Cost Optimization using AWS Cost-Explorer, AWS Budget & Trusted Advisor

## ❖ Communication:

- Communicate with corporate customers via telephone Email, and other electronic communications regarding Problems. Analyze problems and develop solutions to meet Customer needs; may involve writing custom code, participate in case triage meetings to share knowledge with other engineers and develop efficient customer Solutions. Write technical articles and sample programs for knowledge base.

## Technical Skills & Certification

- ❖ Certified AWS Solution architect associate level
- ❖ Ultimate AWS certified solution architect associate 2022- Udemmy course
- ❖ AWS Administration
- ❖ Linux

## Personal Details

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|----------------------|------------------------------|
| • Name               | Ashish Ravindra Mewal        |
| • Date Of Birth      | 29 June 2000                 |
| • Sex/Marital Status | Male / Unmarried             |
| • Languages Known    | English, Hindi, and Marathi. |
| • Hobbies            | Traveling, Hiking            |
| • Address            | Hinjewadi, Pune              |
| • Home Address       | Aurangabad                   |

**Signature:**   
**Date:**