Ashish Mewal
Aws Cloud Engineer,InfoBeans
Mobile: 8208455713
Email: mewal2962000@gmail.com

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 Solutions 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 EC2, VPC, EBS, IAM, S3, RDS, SNS, SQS, CloudWatch, Route 53, DynamoDB, CloudFront, ELB, ASG, and infrastructure automation with CloudFormation and EC2 Image Builder.
- ❖ DevOps proficiency in implementing CI/CD pipelines using GoCD, Jenkins, and Git, containerization with Docker, and infrastructure automation with Terraform. Experienced in Kubernetes orchestration, including Helm-based deployments, ConfigMaps for script injection, and Kubernetes Jobs for automated workflows.
- ❖ Cloud Monitoring & Troubleshooting expert using CloudWatch, X-Ray, and Log Insights to investigate application performance issues, response time degradation, Lambda/database throttling, and 4XX/5XX errors. Skilled in managing load balancers (ALB/NLB), multi-region deployments, and optimizing application reliability.
- ❖ Hands-on experience automating CI/CD workflows using GoCD pipelines for Chef deployments, Kubernetes-based backup/restore automation, and Bitbucket for version-controlled infrastructure updates. Proficient in EC2 Image Builder automation for golden AMI creation, ensuring streamlined and repeatable infrastructure updates across environments.

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**
1. 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.

2. Axiad US | Feb 2025 – Mar 2025
Project name: Axiad Project
Technologies: GoCD, Kubernetes, Helm, Docker, AWS EC2, AMI, S3, Secrets Manager, CloudFormation, Bitbucket, Python, Bash, Chef, Minikube.
Contribution: Designed and automated CI/CD pipelines using GoCD, Kubernetes, and AWS for deployment, backup/recovery, and infrastructure provisioning. Created GoCD pipelines for Chef cookbook execution, automated AMI creation via EC2 Image Builder, and implemented Kubernetes-based backup/restore processes using Helm and ConfigMaps. Integrated AWS Secrets Manager for secure credential management, used CloudFormation for stack automation, and migrated repositories to Bitbucket for version-controlled workflows.

Technical Skills & Certification

❖ Certified AWS Solution architect associate level

❖ Ultimate AWS certified solution architect associate 2022- Udemy course

❖ AWS Administration

❖ Linux

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 CloudWatch, Creating Highly Available Environments using Auto-Scaling, Load Balancers, Setup/Managing Databases on Amazon RDS, Monitoring servers and databases through Amazon CloudWatch. Built CloudFormation stacks for automated infrastructure provisioning and EC2 Image Builder pipelines for creating golden AMIs of critical application components.

❖ **Devops and AWS**

- Proficient in using Git for source code management, including branching, merging, and pull requests, and experienced with GitHub/Bitbucket 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.

❖ **GoCD, Kubernetes & Infrastructure Automation**

- Installed and configured GoCD Server & Agents for CI/CD pipeline automation, enabling automated application deployment workflows. Designed and deployed GoCD CI/CD pipelines to execute Chef cookbooks on AWS servers for configuration management. Integrated Kubernetes with GoCD using Helm charts and ConfigMaps to dynamically mount scripts into containers and manage pipeline automation. Developed Kubernetes Jobs for backup/restore processes, ensuring automated execution and clean job lifecycle. Automated AMI creation using EC2 Image Builder and CloudFormation stacks, allowing seamless infrastructure updates with minimal manual intervention. Integrated AWS Secrets Manager with pipelines to securely fetch and manage sensitive credentials. Migrated repository management to Bitbucket, implementing version-controlled workflows for code updates, pipeline execution, and infrastructure automation. Managed Kubernetes cluster operations in Minikube, including pod readiness checks, port-forwarding, and troubleshooting CI/CD execution issues in GoCD 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. Troubleshot 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 and Bitbucket Pipelines, ensuring configuration consistency

❖ **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.

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 (12th) from HSC Board with 62 % Passed in 2017
- Senior Secondary Certificate (10th) from SSC Board with 87.80 %. Passed in 2015

Personal Details

- 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: