Sumit Verma
Email: sumitverma2100@gmail.com
Mobile No: +91- 7078-43-7282
LinkedIn: https://www.linkedin.com/in/sumit-verma-1020b213b

PROFESSIONAL SUMMARY:-

Experienced AWS Cloud Architect with expertise in designing and implementing highly available, scalable, and secure cloud architectures. Skilled in AWS, GCP and DevOps methodologies, with a strong focus on automation and infrastructure as code practices. Proficient in collaborating with cross-functional teams to provide technical leadership and guidance, while maintaining a customer-centric approach.

I having **6.6** years of AWS Cloud Architect experience in IT Infrastructure and Hosting based 24X7 support environment. Seeking a Technical position fully utilizing strong customer service attitude, exceptional organizational ability and technical skills.

PROFESSIONAL EXPERIENCE:

Mckinley Rice
Cloud Architect
August 2022 - Feb 2023
Designed and implemented highly available and scalable cloud architectures on AWS for enterprise-level applications, resulting in increased performance and cost savings.
Developed automation and infrastructure as code practices using Terraform and Ansible to streamline infrastructure deployment and management, resulting in a 50% reduction in manual efforts.Collaborated closely with cross-functional teams, including developers, operations, security, and business stakeholders, to deliver high-quality cloud solutions that meet business requirements.
Conducted cloud readiness assessments and developed cloud migration strategies for clients looking to move their applications and data to the cloud, resulting in smooth and successful migrations.Provided technical guidance and support in pre-sales and post-sales activities, resulting in increased sales and revenue.

To The New Private Limited
Senior Cloud Operations Engineer
January 2022- August 2022
Designed and implemented cloud solutions on AWS and GCP for a range of clients, including startups and enterprise-level organizations, resulting in increased customer satisfaction and repeat business.
Developed and implemented automation and DevOps practices to streamline application deployment and management on the cloud, resulting in a 30% reduction in deployment times.
Conducted cloud security assessments and developed cloud security strategies for clients looking to improve their security posture on the cloud, resulting in improved security and compliance.
Collaborated with clients to provide technical guidance and support in pre-sales and post-sales .

Senior Technology Consultant
Ernst and Young (EY)
September 2021- January-2022
Consulting with clients to understand their business needs and develop customized cloud solutions that meet those needs.Providing technical leadership and guidance to project teams, ensuring that all solutions are designed, developed, and implemented according to industry best practices and established standards.Conducting assessments and analyses of existing IT infrastructures to identify areas for improvement and recommend cloud migration strategies. Collaborating with cross-functional teams, including developers, architects, and business stakeholders.

Linux/AWS/DevOps- Admin
Greenhonchos Solutions Private Limited
April 2019 – September 2021
As a Linux/AWS/DevOps Engineer, you are responsible for designing, implementing, and maintaining cloud-based infrastructure and applications. You ensure high availability, scalability, and security of systems and services while implementing automation tools and processes to improve operational efficiency. Your responsibilities include monitoring system and application performance, identifying and resolving issues proactively, and troubleshooting issues related to system and network connectivity. You ensure compliance with industry and regulatory standards, implement disaster recovery and business continuity plans, and manage costs associated with cloud resources.

AWS Cloud Admin
Biztechinfosys Private Limited
March 2017- April 2019

Deploying and configuring AWS services, including EC2, S3, and RDS. Assisting in the implementation of security best practices to ensure the protection of cloud resources. Monitoring system and application performance to identify and resolve issues. Supporting developers and other stakeholders in deploying and operating applications in the AWS environment. Participating in the design and implementation of backup and disaster recovery plans. Maintaining documentation for infrastructure, systems, and procedures. Participating in the design and implementation of CI/CD pipelines for continuous deployment and integration. Troubleshooting issues related to system and network connectivity. Monitoring and managing costs associated with cloud resources. Keeping up to date with the latest industry trends and best practices in AWS cloud administration.

Key Skills: AWS | GCP | DevOps
A. AWS | Amazon Web Services

Compute Services:
Amazon EC2: Virtual servers in the cloud.
Amazon EKS: Managed Kubernetes service.
AWS Lambda: Run code without provisioning or managing servers.
Amazon ECS: Container management service that supports Docker containers.
AWS Batch: Run batch computing workloads on the cloud.
AWS Fargate: Serverless compute engine for containers.

Storage Services:
Amazon S3: Object storage service for files and data.
Amazon EBS: Block-level storage volumes for EC2 instances.
Amazon EFS: Fully managed file storage service for EC2 instances.
AWS Storage Gateway: Hybrid storage service that enables on-premises access to cloud storage.
Amazon Glacier: Low-cost cloud storage for data archiving and backup.
AWS Snowball: Petabyte-scale data transfer service.
AWS Backup: Backup and restore service for AWS resources.

Database Services:
Amazon RDS: Managed relational database service that supports various database engines.
Amazon DynamoDB: Managed NoSQL database service.
Amazon Aurora: MySQL- and PostgreSQL-compatible relational database service.
Amazon ElastiCache: In-memory caching service for faster performance.
Amazon DocumentDB: Managed document database service.
Amazon Neptune: Fully managed graph database service.

Networking Services:
Amazon VPC: Isolated cloud resources and customizable virtual network environment.
AWS Direct Connect: Dedicated network connection between on-premises infrastructure and AWS.
Amazon Route 53: Scalable domain name system (DNS) web service.
AWS CloudFront: Global content delivery network (CDN) for fast delivery of content.
Amazon API Gateway: Fully managed service to create, publish, and manage APIs.
AWS Global Accelerator: Network service to improve availability and performance for global applications.
AWS Transit Gateway: Hub for multiple VPCs and on-premises networks.

Security and Identity Services:
AWS Security Hub - a central security service for AWS accounts and third-party integrations.
IAM - Identity and Access Management to manage access to AWS services and resources.
IAM Access Analyzer - a tool to analyze resource policies to help you avoid unintended access.
AWS Secrets Manager - a service to store and manage secrets such as passwords, database credentials, and API keys.
WAF - Web Application Firewall to protect web applications from common web exploits.
Amazon Cognito - a managed service to authenticate, authorize and manage user sign-up and sign-in for applications.
AWS GuardDuty - a threat detection service to monitor for malicious activity and unauthorized behavior.
Amazon Macie - a service that uses machine learning to discover and classify sensitive data in AWS.
AWS Config - a service to assess, audit, and evaluate the configuration changes and compliance of your AWS resources.
AWS CloudTrail - a service that records AWS API calls and generates log files to simplify security analysis, resource change tracking, and compliance auditing.
AWS Inspector - an automated security assessment service to help improve the security and compliance of applications deployed on AWS.
AWS Shield - a managed DDoS protection service to safeguard applications running on AWS.
Amazon CloudWatch - a monitoring service to collect and track metrics, collect and monitor log files, and set alarms.

AWS KMS - Key Management Service to create and manage encryption keys used to encrypt data in AWS services and in your applications.
AWS Certificate Manager - a service that lets you easily provision, manage, and deploy SSL/TLS certificates for use with AWS services and your internal connected resources.

Management and Monitoring Services:
Amazon CloudWatch: Monitor resources and applications on AWS.
AWS CloudFormation: Infrastructure as Code (IaC) service to create and manage AWS resources.
AWS CloudTrail: Record AWS API calls for audit and compliance purposes.
AWS Config: Track resource inventory and changes to configurations.

Analytics Services:
Amazon Kinesis: Collect, process, and analyze real-time streaming data.
AWS Glue: Fully managed ETL (extract, transform, load) service.

Application Integration Services:
Amazon SQS: Fully managed message queuing service.
Amazon SNS: Fully managed pub/sub messaging service.
Developer Tools:
AWS CodeCommit: Fully-managed source control service for Git repositories.
AWS CodePipeline: Continuous delivery service for building, testing, and deploying code changes.
AWS CodeBuild: Fully-managed build service that compiles source code and runs tests.
AWS CodeDeploy: Automated code deployment service.
AWS CodeStar: Integrated development environment (IDE) for building and deploying AWS applications.
Machine Learning Services:
Amazon Rekognition: Image and video analysis service to identify objects, people, and activities.
Amazon Comprehend: Natural language processing (NLP) service to extract insights from text.
Amazon Transcribe: Automatic speech recognition (ASR) service to convert speech to text.
Amazon Translate: Neural machine translation service.
Amazon Personalize: Fully-managed service to create personalized recommendations.
Amazon Forecast: Fully-managed service to build time-series forecasts.
Migration and Transfer Services:
AWS Database Migration Service: Migrate databases to AWS with minimal downtime.
AWS Server Migration Service: Migrate on-premises servers to AWS.
AWS Transfer Family: Securely transfer files over the internet between on-premises systems.
AWS Snowball Edge: Petabyte-scale data transfer service with built-in computing capabilities.

B. GCP | Google Cloud Platform

Compute Engine: A virtual machine service that allows users to create and run their own virtual machines on Google's infrastructure.
Cloud Storage: A scalable and durable object storage service for storing and retrieving data.
Kubernetes Engine: A managed service for running and deploying containerized applications on Kubernetes clusters.
Cloud SQL: A fully-managed relational database service that supports SQL queries.
Cloud Pub/Sub: A messaging service that allows applications to send and receive asynchronous messages.
Cloud Functions: A serverless compute service that lets users run code in response to events.
BigQuery: A fully-managed data warehouse that enables users to analyze large datasets using SQL.
Cloud Identity and Access Management (IAM): A service that allows users to manage access to their Google Cloud resources.
Cloud CDN: A content delivery network that delivers content to users from Google's edge caches.
Cloud Firestore: A NoSQL document database that provides real-time synchronization and offline support for web and mobile apps.
Cloud Bigtable: A fully-managed NoSQL database service that can handle petabyte-scale workloads with low latency.
Cloud Spanner: A horizontally-scalable, globally-distributed relational database service that provides strong consistency and high availability.
Cloud Memorystore: A fully-managed, in-memory data store service that supports Redis and Memcached.
Cloud Build: A continuous integration/continuous deployment (CI/CD) service that automates the build, test, and deployment of software.
Cloud Monitoring: A service that provides visibility into the performance, uptime, and health of GCP resources and applications.
Cloud Logging: A service that collects, analyzes, and stores logs from GCP resources and applications.

Cloud Security Command Center: A unified security and compliance dashboard that helps users detect, investigate, and mitigate security threats.
Cloud DNS: A globally-distributed, low-latency DNS (Domain Name System) service that translates domain names into IP addresses.
Cloud Load Balancing: A service that distributes traffic across multiple instances or regions to optimize performance and availability.

C. DevOps

Ansible: Configured and automated deployment of software applications, servers, and network devices using Ansible, reducing manual errors and streamlining infrastructure management.
Docker: Utilized Docker to build and deploy containerized applications, enabling easier application management and scalability across different environments.
Jenkins: Streamlined the software development process by automating builds, tests, and deployments using Jenkins, reducing development time and improving collaboration across teams.
Kubernetes: Orchestrated containerized applications and automated tasks such as scaling and load balancing using Kubernetes, enabling more efficient management and deployment of applications.
Terraform: Provisioned and managed infrastructure across different cloud providers, such as AWS and Azure, using Terraform, enabling faster and more efficient infrastructure management.
Git: Managed code changes and collaborated with teams using Git, enabling version control and improving collaboration across teams.
Prometheus: Monitored and analyzed metrics and performance of applications and infrastructure using Prometheus, enabling better insight into system performance and improved issue resolution.
ELK Stack: Analyzed and visualized log data using the ELK Stack (Elasticsearch, Logstash, Kibana), enabling better understanding of system behavior and improved issue resolution.
AWS CloudFormation: Provisioned and managed AWS resources using code with AWS CloudFormation, enabling faster and more efficient infrastructure management on the AWS cloud.
Grafana: Visualized and analyzed metrics data using Grafana, enabling better insight into system performance and improving decision-making around system optimizations.
Jenkins Pipeline: Automated software development pipelines using Jenkins Pipeline, enabling a more streamlined and efficient approach to building, testing, and deploying software.
GitLab: Managed code changes and collaborated with teams using GitLab, enabling version control and improving collaboration across teams, as well as providing additional features such as continuous integration and deployment.
AWS CodePipeline: Automated software deployment workflows using AWS CodePipeline, enabling faster and more efficient software deployment on the AWS cloud.
Slack: Integrated DevOps workflows with Slack, enabling better collaboration and communication across teams and facilitating faster issue resolution.
Jira: Managed software development processes and workflows using Jira, enabling better organization and tracking of tasks and issues across teams.

PERSONAL DETAILS

Father's Name :- Premchand Verma
Date of birth :- 16 January 1996
Address :- Ajnara Homes , Greater Noida Sector-16 B , PIN- 201306, U.P, India
Passport :- Yes
Graduation: BCA (Passing year : 2015)

DECLARATION:

I hereby declare that the information as given above is true to my knowledge and nothing has been concealed or modified.
Date:
Place:
(Sumit Verma)