**SUMMARY:**

Seasoned IT professional with a primary focus on AWS, Azure, and Development Operations, adept at building, managing, releasing, and deploying code through automated infrastructure processes.

* **AWS Expertise**: Skilled in key AWS services like EC2, Security Groups, S3, Elastic IPs, Load Balancers, Auto-scaling, VPC, CloudWatch, IAM, and Route53. Managed cloud operations including launching, maintaining, and troubleshooting EC2 instances, S3 buckets, VPCs, ELBs, and RDS. Migrated legacy applications to AWS using Jenkins, Maven, Docker, and Groovy scripts.
* **Azure Experience**: Configured and managed Virtual Machines, storage, and networks using the Azure portal. Facilitated migrations using Azure Site Recovery, Azure Backups, and SQL Azure Migration Wizard. Deployed applications to Azure Cloud.
* **DevOps and CI/CD**: Created end-to-end pipelines with Jenkins, Bamboo, and GitLab for build, test, and deployment automation. Automated infrastructure provisioning with Terraform and CloudFormation, integrating with Jenkins. Configured Maven and Jenkins for builds, and deployed applications using Elastic Beanstalk. Implemented GitOps for version-controlled infrastructure.
* **Containerization & Orchestration**: Extensive experience with Docker and Kubernetes for containerization and orchestration. Configured Dockerfiles and managed Docker containers for different environments. Deployed applications to Kubernetes clusters using Helm, customizing Helm templates for streamlined updates. Installed and managed Kubernetes clusters using Kubeadm.
* **Infrastructure as Code (IaC)**: Automated infrastructure using Terraform and CloudFormation. Built reusable Terraform modules and integrated them with Jenkins for continuous deployment. Created Jenkins jobs for infrastructure creation using Terraform code stored in GitHub.
* **Scripting & Automation**: Proficient in Python, Bash, and shell scripting for automating deployments, server configurations, log analysis, and routine maintenance tasks. Developed robust scripts to enhance system functionality and reliability.
* **Monitoring & Alerting**: Implemented production and corporate server monitoring using AWS CloudWatch. Used SonarQube to track code coverage, compliance, and unit test results.
* **Database Management**: Experience with databases like MSSQL and Snowflake. Built and managed MySQL servers in containers integrated with Grafana and deployed to Kubernetes.
* **Source Code Management**: Utilized Git, Bitbucket, and GitLab for version control. Defined and enforced branching strategies such as GitFlow for efficient code collaboration.
* Coordinated with vendors like Atlassian and JFrog for troubleshooting, issue resolution, and system improvement. Documented and automated build and release processes effectively.
* Automated deployment of Java applications in Tomcat Server. Used Docker for virtualization of test and dev environments, combined with configuration automation. Ensured infrastructure changes were version-controlled through Git repositories.
* Strong interpersonal skills, team-oriented mindset, and a proactive approach to problem-solving with a focus on delivering optimal solutions.

**Skills**:

**Cloud Platforms**: AWS, Azure
**Application Servers**: Apache Tomcat, Red Hat, WebSphere
**Log Tools**: Elastic Search, Grafana
**CI/CD Tools**: Jenkins, GitLab
**Containerization**: Docker, Kubernetes, ECS, EKS
**Infrastructure as Code**: Terraform, CloudFormation
**Configuration Management**: Ansible
**Virtualization**: VMware Client, vSphere
**Programming Languages**: Java
**Operating Systems**: Linux, CentOS, Ubuntu, Windows
**Monitoring Tools**: Splunk, Nagios, CloudWatch
**Scripting**: Shell scripting, YAML, JSON
**Databases**: MSSQL, Snowflake, Microsoft Synapse, Azure Data Factory
**Version Control**: Git, GitHub, GitLab, Bitbucket, SVN

### Experience:

**Client: Thrivent OCT’22 – TILL DATE**

**Role: Sr. DevOps Engineer**

### Responsibilities:

* Troubleshoot deployment issues across Dev, QA, and UAT environments.
* Set up and manage development tools, infrastructure, and basic project structures.
* Automate development and release processes using CI/CD pipelines in Jenkins.
* Develop and maintain Jenkins pipelines with declarative syntax for efficient workflows, integrating with Git/GitHub for version control and automated builds.
* Implement parallel and sequential executions in pipelines to optimize performance.
* Build ETL processes with Azure Data Factory for data ingestion into Microsoft Synapse and Snowflake, ensuring data integrity and scheduling updates.
* Connect real-time data from cloud warehouses to dashboards using Power BI.
* Use tools like SonarQube for code quality analysis.
* Containerize applications with Docker for consistent deployment.
* Identify and fix technical issues, ensuring software quality and adherence to established processes.
* Implement scaling, load balancing, and root cause analysis for production issues.
* Automate AWS infrastructure provisioning with Terraform for EC2, VPCs, and S3.
* Configure Jenkins for automated deployments triggered by Git commits.
* Monitor infrastructure and application health with Nagios, setting up alerts for critical issues.
* Design and optimize AWS infrastructure for scalability and cost-efficiency.
* Manage version control and collaboration using Git/GitHub.
* Implement CI/CD pipelines with GitHub Actions for automated testing and deployment.

**Environment**: AWS, Docker, Kubernetes, Jenkins, Git, Java, Linux, Maven, SonarQube, Nagios, Terraform, Microsoft Synapse, Snowflake, Azure Data Factory, Power BI.

**Client: Fidelity Investments, Dallas-TX               MAR 2022 – OCT 2022**

**Role: Sr. DevOps Engineer**

**Responsibilities:**

* Developed and managed CI/CD pipelines using Jenkins and GitLab CI for automating build, test, and deployment processes for Java applications.
* Automated infrastructure provisioning with Terraform and AWS CloudFormation for scalable and reliable environments.
* Utilized Docker for containerization, ensuring consistent deployments across diverse environments.
* Orchestrated and managed containerized applications with Kubernetes, achieving high availability and scalability.
* Implemented monitoring and logging with tools like Prometheus, Grafana, ELK Stack, and Splunk to track application and infrastructure performance.
* Managed application and infrastructure configurations using Ansible, Puppet, or Chef for consistency across environments.
* Identified and resolved performance bottlenecks in Java applications to optimize resource usage.
* Developed and implemented RESTful APIs for efficient service communication.
* Conducted security audits and applied best practices to ensure compliance with standards and regulations.
* Maintained high code quality using SonarQube for continuous inspection and vulnerability management.
* Collaborated with teams to integrate Tableau and Power BI for actionable data visualization.
* Provided technical support, training, and documentation for effective DevOps tool usage and knowledge sharing.
* Used Microsoft Office for reporting, documentation, and communication.

**Environment**: AWS, Azure, Docker, Kubernetes, Jenkins, Python, Grafana, Terraform, ECS, EKS, AKS, MSSQL Server, Tableau, Power BI, REST APIs, SonarQube, Microsoft Office.

**Client: Accenture India Private Limited                               Jan 2020 - Mar 2022**

**Role: DevOps Engineer**

**Responsibilities:**

* Managed day-to-day CI/CD framework operations, including upgrades, troubleshooting, and POCs.
* Created and managed repositories in Bitbucket for various artifact types (e.g., EAR, WAR, RPM, SQL).
* Guided development teams on branching, tagging, and source code strategies in Bitbucket and GitHub.
* Implemented Azure-based security for web applications and deployed them to Azure.
* Reviewed and approved pull requests to ensure code quality and avoid build failures.
* Wrote and maintained Jenkinsfiles for pipeline configuration and version control.
* Configured Jenkins pipelines for artifact management, automated environment provisioning, and integration testing.
* Administered Jenkins on Linux with master-slave setups for parallel and pipeline builds using Groovy.
* Automated build and deployment processes with Maven, Shell, and Groovy scripting.
* Integrated Jenkins with tools like JUnit, Cobertura, SonarQube, Fortify, and FindBugs to ensure code quality.
* Set up deployment jobs in Jenkins for Windows and UNIX servers, working closely with deployment artifact teams.
* Built deployment artifacts and managed them in Nexus repositories for cloud environments.
* Developed Gradle build scripts for GitLab CI pipelines and automated code migration from PVCS to Bitbucket.
* Worked on cloud services (IaaS, PaaS, SaaS) with OpenStack, Docker, and OpenShift.
* Managed Azure services including Data Storage, Data Factory, and Data Lake, and provided high availability using Azure Load Balancer.
* Used Splunk and Kibana for CI/CD metrics reporting and monitoring.
* Supported Agile/Scrum workflows with tools like JIRA, GitHub, and Jenkins.

**Environment**: Apache Maven, GitLab, Groovy, Shell, Jenkins, Nexus, AWS (S3, EC2), Splunk, JIRA, GitHub, Bitbucket, Putty, Azure.

 **Client: Tata Consultancy Servicess Jun’16– Dec’2019 Role: DevOps Cloud Engineer**

 **Responsibilities:**

* Extensive knowledge of AWS services, including EC2, S3, Elastic Beanstalk, CloudFront, Route53, CloudWatch, CloudFormation, IAM, VPC, RDS, DynamoDB, and more.
* Deployed and scaled web applications using AWS Elastic Beanstalk with technologies like Java, PHP, Node.js, Python, and Docker.
* Managed AWS resources by creating AMIs, snapshots, VPC networks, and configuring security groups and Elastic IPs.
* Designed and deployed AWS solutions with EC2, S3, RDS, ELB, Auto Scaling, and serverless architectures using AWS Lambda and Kinesis.
* Implemented Infrastructure as Code (IaC) with Terraform and AWS CloudFormation, automating resource provisioning and management.
* Built Jenkins pipelines integrating security tools like SonarQube for code analysis and notifications via Slack or email for improved team collaboration.
* Automated builds and deployments using Maven, ANT, Jenkins, SonarQube, and Nexus for J2EE applications.
* Virtualized environments with Docker, created and managed containers, and used orchestration tools like Kubernetes and Docker Compose.
* Set up centralized logging and monitoring with ELK Stack (Elasticsearch, Logstash, Kibana) and Splunk for dashboards and reporting.
* Provided security management and access control using AWS IAM, creating policies for users, roles, and groups.
* Transitioned AWS infrastructure to serverless architecture and deployed with Terraform or AWS CloudFormation.
* Managed and automated containerized environments for testing and development using Docker and Kubernetes.

**Environment**: AWS (IAM, S3, CloudWatch, EC2, Lambda), Docker, Kubernetes, Terraform, Maven, Jenkins, SonarQube, SVN, GitHub, Ansible, Apache Tomcat, JBoss, Bash, Shell.

**Client: Metamorph IT Systems Pvt Ltd Jun 2013 - Apr 2016**

**Role: DevOps Cloud Engineer**

**Responsibilities:**

* Design, implement, and manage scalable, secure, and cost-effective cloud infrastructure on platforms like AWS, Azure, or Google Cloud.
* Automate provisioning and configuration of cloud resources using Infrastructure as Code (IaC) tools like Terraform or CloudFormation.
* Build and maintain Continuous Integration/Continuous Deployment (CI/CD) pipelines using tools like Jenkins, GitLab CI/CD, or Azure DevOps.
* Automate build, test, and deployment processes to improve development velocity and reduce manual effort.
* Create and manage Docker containers for application deployment.
* Use orchestration tools like Kubernetes or Amazon ECS to ensure high availability and scalability of containerized applications.
* Set up and manage monitoring tools like Prometheus, Grafana, ELK Stack, or Splunk to ensure the health and performance of applications and infrastructure.
* Implement alerts and dashboards to track key metrics and respond to system issues promptly.
* Configure and manage cloud security features such as IAM roles, security groups, and encryption.
* Conduct regular security audits, implement best practices, and ensure compliance with industry standards.
* Work closely with development, QA, and operations teams to streamline the software delivery lifecycle.
* Provide technical support for build, deployment, and production issues, ensuring quick resolution of incidents.
* Maintain detailed documentation of infrastructure, pipelines, and operational procedures.
* Conduct training and knowledge-sharing sessions for team members on DevOps tools and practices.
* Manage source code repositories using tools like GitHub, GitLab, or Bitbucket.
* Implement branching and merging strategies for efficient collaboration and version control.

### ****Education:****

### **Bachelor of Computer Science Engineering**Hyderabad, India | 2009