**SUKKA BENJAMIN JOSHI**  
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**Professional Summary**

Dynamic and detail-oriented AWS DevOps Cloud Engineer with 4 years of experience designing, implementing, and optimizing scalable cloud infrastructure and DevOps processes. Adept at leveraging tools like Docker, Kubernetes, Ansible, Jenkins, Git, and Terraform to drive automation, improve application reliability, and support continuous delivery. Proven success in collaborating with teams across development, operations, and security to implement modern DevOps practices, enabling faster, more reliable deployments.

**Technical Skills**

**Cloud Platforms**

* **AWS:** EC2, S3, RDS, Lambda, VPC, IAM, CloudFormation, CloudWatch, ALB/ELB, Route 53, Auto Scaling Groups

**CI/CD and Automation Tools**

* **CI/CD Pipelines:** Jenkins, GitLab CI/CD, Bitbucket Pipelines
* **Infrastructure as Code (IaC):** Terraform, AWS CloudFormation
* **Configuration Management:** Ansible

**Containerization and Orchestration**

* **Containerization:** Docker (images, volumes, networking, registries)
* **Orchestration:** Kubernetes (EKS, Helm, Kubectl, RBAC)

**Monitoring and Logging**

* **Tools:** Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), AWS CloudWatch, AWS CloudTrail

**Scripting and Operating Systems**

* **Languages:** Python, Shell scripting, YAML
* **Operating Systems:** Linux (Ubuntu, CentOS, Amazon Linux), Windows Server

**Professional Experience**

**AWS DevOps Cloud Engineer**

**Client 1: Sling Technologies** *(Jan 2022 – Present)*

* Designed and deployed robust, secure, and scalable cloud solutions on AWS using **Terraform** and **CloudFormation**, enabling rapid environment setup for new projects.
* Built and optimized **CI/CD pipelines** in Jenkins, streamlining application build, test, and deployment processes, which improved release cycles by 30%.
* Deployed and managed microservices-based architectures on **Kubernetes (EKS)**, implementing auto-scaling and load balancing for enhanced application reliability.
* Standardized application deployment workflows by leveraging **Docker**, creating consistent environments across development and production.
* Automated configuration management of servers and cloud resources using **Ansible**, reducing manual intervention and errors.
* Conducted regular cost analysis and resource optimization, reducing AWS costs by 25% through efficient resource management and automation.
* Monitored application performance and system health using **Prometheus**, **Grafana**, and **AWS CloudWatch**, implementing alerting for critical thresholds.
* Collaborated with developers to debug issues and ensure smooth deployments, achieving 99.9% application availability.
* Trained and mentored junior team members on DevOps practices, tools, and cloud infrastructure management.

**Client 2: DELL Technologies** *(Feb 2020 – Dec 2021)*

* Automated provisioning of AWS infrastructure using **Terraform**, creating modular and reusable templates for EC2, S3, RDS, and networking components.
* Migrated legacy monolithic applications to containerized solutions using **Docker** and deployed them on **Kubernetes** clusters, enabling faster scaling and easier maintenance.
* Developed multi-stage Jenkins pipelines integrated with static code analysis tools to ensure code quality and compliance during automated builds and deployments.
* Implemented **RBAC (Role-Based Access Control)** policies in Kubernetes to enhance security and restrict unauthorized access.
* Conducted regular **IAM audits** on AWS accounts to ensure adherence to security best practices and compliance requirements.
* Configured **ELK Stack** for centralized logging and analysis, improving incident resolution times by 40%.
* Streamlined patch management and server updates with **Ansible**, reducing maintenance downtime by 30%.
* Coordinated with cross-functional teams to support application deployment, testing, and performance tuning, contributing to a 20% increase in system efficiency.

**Amazon** – **Hyderabad, India** June 2017 – Jan 2018

* Developed Surge tool using Shell Scripting to provide the accurate surge price whenever required for Uber drivers to deliver packages.
* Performed cost-benefit analysis on potential system upgrades to support purchase decisions.

**Education**

**Master of Commerce, Information systems, Osmania University, Hyderabad India (GPA: 2.26) May 2014**

**Bachelor of Commerce, India Osmania University (GPA 2.76) May 2010**

**Certifications**

* **AWS Certified Solutions Architect – Associate**
* **Certified Kubernetes Administrator (CKA)**
* **HashiCorp Certified: Terraform Associate**
* **Docker Certified Associate (DCA)** (Optional, if applicable)

**Key Projects**

1. **Microservices on Kubernetes:**
   * Designed and implemented a microservices architecture using **Kubernetes (EKS)**, Helm, and Docker.
   * Configured auto-scaling policies to handle variable workloads and ensured 99.9% uptime.
   * Optimized resource allocation using Kubernetes namespaces and quotas.
2. **Infrastructure as Code (IaC):**
   * Automated the provisioning of AWS resources using **Terraform** modules, reducing setup time by 50%.
   * Maintained version-controlled IaC repositories in Git, enabling rollback and reproducibility.
3. **CI/CD Pipeline Automation:**
   * Developed end-to-end Jenkins pipelines for building, testing, and deploying applications, integrating with Git and Docker registries.
   * Automated notification alerts for build failures, enabling faster issue resolution.
4. **Centralized Logging & Monitoring:**
   * Configured **ELK Stack** for centralized logging of application and system logs, improving troubleshooting efficiency.
   * Set up **Grafana dashboards** for visual monitoring of key metrics, reducing incident response time.

**Achievements**

* Reduced deployment time from hours to minutes by implementing robust CI/CD pipelines and automation tools.
* Improved application performance by 30% through Kubernetes resource optimization and auto-scaling.
* Reduced AWS cloud costs by 25% through proactive monitoring and right-sizing of resources.
* Enabled seamless migration of on-premises workloads to AWS cloud with zero downtime during cutover.