Divya Gupta

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**Professional Summary**

DevOps Engineer with extensive experience in Cloud, Microservice, Harness, Docker, ECS, Kubernetes, WIZ, SonarQube, Git and Agile methodologies.

Having around 3+ years of hands-on expertise architecting and managing cloud-based services, optimizing deployments using robust CI/CD pipelines using Harness and Jenkin.

Infrastructure as code (IaC) expertise, automation utilizing cloud formation and terraform to boost operational efficiency while driving scalability and cost optimization.

**Skills**

Cloud Platforms: AWS, ECS, IAM, API Gateway.

CI/CD: Jenkins, Harness.

SCM: Git,Github.

Agile: Jira, Azure Board.

IaC: CloudFormation, Terraform.

Scripting: Python, Bash, YAML, JSON.

Tools: SonarQube, Docker, Kubernetes, WiZ, Datadog, JFrog Artifactory.

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**Experience**

**AWS DevOps Engineer 03/2022 - Till Date**

Mphasis pvt Ltd

**Project**- United Airlines Loyalty

1. **Strategic Migration Planning & Execution:** Led multiple on-premise application migrations to AWS Cloud, comprehensive Continuous Planning, Version Control, Branching, and Merging strategies for meticulous execution.
2. **Containerized Deployment Pipelines on AWS ECS (Harness):** Successfully established deployment pipelines for containerized applications on AWS ECS, ensuring seamless and efficient deployment processes. Proficient in Developing Complex nested and reusable Harness Templates.
3. **Implementing Security Tools like Wiz and SonarQube:** Implemented security measures by setting up tools like Wiz and SonarQube, addressing and handling security issues.
4. **Design and Development:** Developed Cloud Formation Templates the Provisioning of Development and Production
5. **Application Migration Expertise to AWS Cloud:** Demonstrated expertise in executing large-scale application migrations to AWS Cloud, leveraging Continuous Integration robust deployment strategies.
6. **Exemplary DevOps Practices for Cloud Migration:** Implemented exemplary DevOps practices throughout migration projects, ensuring a smooth transition from on-premise to AWS Cloud, enhancing reliability and scalability while minimizing disruptions. Led Successful migration reduced 50% operational cost.

**Project**- United Airlines Voices

1. **CI/CD Pipeline Creation with Harness:** Expertly developed and implemented CI/CD pipelines using Harness, ensuring streamlined and efficient deployment processes for applications.
2. **Infrastructure Setup & Expertise in AWS and Harness:** Demonstrated proficiency in setting up infrastructure utilizing Harness and AWS, specializing in Airlines projects across various development stages with CloudFormation Templates.
3. **Leadership in Airlines Projects:** Led and contributed as a senior resource in two notable Airlines projects, orchestrating infrastructure setups and deployments.
4. **Expertise in Implementing Diverse AWS Infrastructure Services:** Proficiently implemented a spectrum of essential AWS services including EC2, ECS, EBS, S3, VPC, ELB, Autoscaling, IAM, Lambda, DynamoDB, EKS, Route53, CloudWatch, Appsync and CloudFormation, Secret Manager. Profound knowledge applied to architect, deploy, and manage robust, scalable, and secure infrastructures meeting diverse project requirements and ensuring optimal performance.
5. **Troubleshooting & DevOps Collaboration:** Demonstrated strong problem-solving skills in AWS environments, minimizing downtime, and disruptions. Collaborated effectively with development and operations teams to instill a DevOps culture and expedite time-to-market.
6. **Expertise in Monitoring & CI/CD Implementation:** Result-driven IT professional proficient in Datadog monitoring tools, skilled in designing and executing efficient CI/CD pipelines to streamline software development workflows and ensure dependable deployment reliability.

**Associate Software Engineer**

Mphasis pvt Ltd (Project- Western Union RTRA) 03/2021 - 02/2022

**Development & Optimization:** Proficient in J2EE and Spring Framework, responsible for module development, code optimization, and system performance enhancements. Upgraded legacy code bases to modern standards, aligning functionalities with client requirements. Utilized Jira within a Kanban team for streamlined tracking and management of tasks. Integral in developing the Real-Time Risk Assessment (RTRA) Application, Used tools like Drools for logic implementation of fraudulent transactions in cross-country money transfers.

**Client-centric Solutions:** Tailored functionalities to meet specific client needs, refining code bases, and configurations for improved performance and compliance within the financial domain.

**Certifications:**

AWS Cloud Practitioner certified professional

**Achievements:**

* Adept at orchestrating seamless production deployments, earning accolades and prestigious awards from high-ranking authorities for consistently successful application launches.
* Recognized by top authorities for precise and seamless production deployment of mission-critical applications, earning repeated awards and commendations.

**Education:**

Rajiv Gandhi University

Bachelor of Electronics and Communication • Jabalpur, Madhya Pradesh 07/2020