Anshu Varshney

Uttar Pradesh, india | +91-6395795108 | www.linkedin.com/in/anshuvarshney/ | anshuvarshney.rc@gmail.com

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SUMMARY

Results-driven DevOps Engineer with 1+ years of experience in automating deployments, optimizing cloud infrastructure, and implementing CI/CD pipelines. Skilled in leveraging tools like Docker, Kubernetes, and AWS to enhance system reliability and scalability.

Technical Skills

- **Cloud Platforms:** AWS
- **Containerization:** Docker, Kubernetes, Docker Swarm, Helm
- **Infrastructure as Code (IaC):** Terraform, CloudFormation, Ansible
- **CI/CD Tools:** Jenkins
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Scripting and Programming Languages:** Python, Bash,C
- **Monitoring and Logging:** CloudWatch
- **Security:** Identity and Access Management (IAM)
- **Networking:** DNS, Load Balancing, VPC, Route53, Application Load Balancer
- **Database Management:** MySQL, PostgreSQL,RDS,S3
- **Configuration Management:** Ansible
- **Orchestration Tools:** Kubernetes, Docker Compose
- **Automation Tools:** Jenkins, AWS CodePipeline
- **Logging and Alerting:** CloudWatch
- **Web Servers:** Apache, Nginx, Node.js
- **Operating Systems:** Linux (Administration & Internals)

Professional Experience

Logistifie - Intelligent Booking And Dispatch Software   London,United Kingdom
DevOps Engineer Intern   07/2024 - 09/2024

Key Responsibilities:

- Configured and deployed Application Load Balancer (ALB) to efficiently manage traffic across EC2 instances, enhancing system scalability and performance.
- Implemented DDoS protection and optimized EC2 servers by expanding disk storage, ensuring secure and resilient infrastructure.
- Set up and managed PostgreSQL streaming replication on Ubuntu 22 for database redundancy and high availability.
- Automated CI/CD pipelines for Angular applications using Docker, Jenkins, and SonarQube, streamlining deployment on AWS EC2.
- Monitored system performance using Amazon CloudWatch, proactively managing memory and disk utilization to ensure optimal resource usage.

Baoiam Innovations Pvt. Ltd.   **Noida,Delhi,India**
AWS Cloud Intern   **02/2024 - 04/2024**

Key Responsibilities:
- Designed, built, and optimized cloud infrastructure using AWS services and Infrastructure as Code (IaC) tools like Terraform, ensuring scalability and reliability.
- Collaborated with stakeholders and product owners to gather requirements, troubleshoot technical issues, and implement effective solutions.
- Streamlined microservices deployment pipelines using Docker and Kubernetes, enhancing application performance and availability.
- Implemented DevOps practices, including CI/CD workflows with Jenkins and Git, to automate deployments and ensure seamless version control.

RapidCode Technologies Pvt. Ltd.   **Bengaluru,Karnataka,India**
AWS DevOps intern   **07/2023 - 12/2023**

- Assisted in deploying and managing scalable, cost-efficient cloud infrastructure on AWS, optimizing system performance and resource utilization.
- Collaborated with cross-functional teams to troubleshoot deployment issues and implement best practices for secure and reliable cloud solutions.
- Contributed to designing cloud strategies and solutions, leveraging AWS services to meet business requirements.

Projects

1. End-to-End CI/CD Pipeline Implementation

Description:
- Built a fully automated CI/CD pipeline using **AWS CodePipeline**, **CodeBuild**, and **CodeDeploy**.
- Integrated with **GitHub** for version control and **EC2** as the deployment target.
- Achieved seamless application deployment with zero downtime.

2. Multi-Environment Infrastructure Deployment with Terraform

Description:
- Automated provisioning of cloud resources for dev, test, and production environments using **Terraform**Integrated with **GitHub** for version control and **EC2** as the deployment target.
- Managed resources like **VPC**, **EC2**, **RDS**, and **S3** on AWS.

Education

Raja Mahendra Pratap Singh State University,Aligarh,Uttar Pradesh
- **Bachelor of Science in Computer Science**   **April-2024**

Raja Mahendra Pratap Singh State University,Aligarh,Uttar Pradesh
- **Master of Science in Computer Science**   **pursuing**