Anurag Gupta

(+91) 9755863914
Bengaluru, India
anurag19100@gmail.com

DevOps Engineer

Portfolio: anurag-cv.com
github.com/anurag19100
linkedin.com/in/anurag19100

DevOps Engineer with 1.5+ years of experience in designing, implementing, and optimizing robust cloud infrastructure and automation solutions at BigBasket. With a strong background in AWS, Kubernetes, Jenkins, Terraform, and programming, I have a proven track record of enhancing system efficiency, reliability and maintainability. I'm passionate about all things cloud infrastructure and automation. Critical thinking DevOps Engineer with extensive understanding of high availability architecture and concepts.

SKILLS

Scripting	Python,Groovy,Bash
IAC	Terraform
Orchestration	Kubernetes
Cloud & Database	AWS, MySQL
Tools & Framework	Jenkins, Docker, Linux, Git, RESTful API
Observability	EFK, Grafana, Prometheus
Soft skill	Effective Communication,Adaptability, Problem solving and Creativity

TECHNICAL EXPERIENCE

BigBasket   **July 2023 - Present**
DevOps Enigneer I   *Bengaluru, India*

- Automated numerous manual tasks, resulting in increased operational efficiency and reduced error rates.
- Contributed to setup of EKS cluster using Terraform, including spotinst-managed node groups, RBAC for microservices, and deployment of various devops-managed kubernetes services. Integrated the Terraform code with a centralized MySQL database for RBAC management.
- Implemented KEDA to facilitate event-driven autoscaling for Kubernetes workloads. Successfully deployed KEDA Cloudwatch for critical services in the production environment.
- Contributed to the plan and execution of migrating 100+ microservices from EKS (v1.24) to EKS (v1.30) with zero downtime.
- Developed a CLI tool of a self-service access management system. Leveraged APIs from multiple tools taking ownership of design and implementation, ensuring accountability through database records, JIRA tickets and Slackbot Notification. Resulted in a 90% reduction in time and effort spent on access management tasks
- Working knowledge of AWS – ECS, EKS, RDS, S3, IAM.
- Automated the creation of AWS resources (S3, ECR, Secrets Manager, SQS) using Python scripting, implementing AWS best practices to ensure secure, compliance, efficient, and scalable infrastructure management.
- Hands-on experience in setting up secure Virtual Private Cloud environment including VPC, IAM, EC2, Security Groups, Network ACLs, Elastic IPs, Public and Private Subnets, NAT Gateways.
- Worked with IAM creating new IAM users groups, defining roles and policies and Identity providers.
- Coordinated with Software Development teams and QA teams.
- Implemented team-wise infra cost tracking for Kubernetes resources.
- Automated deployments via IAC Jenkins jobs, reducing time by 50% and increasing 75% of deployment frequency.
- Performing Real time monitoring, analysis, diagnostics, initial troubleshooting and reporting.
- Actively participated in on-call rotation, ensuring system availability and rapid resolution of production incidents.

BigBasket   **Jan 2023 - Jun 2023**
DevOps Intern   *Bengaluru, India*

- I automated diverse processes using Jenkins, AWS, RESTful API, MySQL, Python, Groovy, and shell script.
- Created an AWS S3 file editor on the Jenkins UI, which resulted in an 80% decrease in human effort and minimized errors.
- Built a Slackbot to streamline the approval process using AWS Lambda, reducing manual efforts and boosting efficiency by 60%.
- Developed an automated report generation framework, access control and user management for multiple tools.
- Updated outdated automation processes, taking ownership of logic building and implementation, optimizing operations

EDUCATION

International Institute of Information Technology, Naya Raipur   Aug 2019 - Jun 2023
Bachelor of Technology, Computer Science   CGPA - 7.7