PRUDHVI KESHAV

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Devops Engineer

DevOps Engineer with over 5 years of experience in **AWS**, **Kubernetes**, and **CI/CD** automation. Proven track record in enhancing deployment efficiency by 30% through server provisioning automation. Skilled in optimizing infrastructure for scalability, high availability, and implementing **Agile** practices to foster collaboration and achieve impactful results.

SKILLS

Containerization & Orchestration: Docker, Kubernetes, Helm
CI/CD: Jenkins, ArgoCD, GitOps
Cloud Computing: Azure, EC2, S3, VPC, Lambda, API Gateway, EKS, ECS, IAM
Infrastructure Automation: Terraform, Ansible
Monitoring and Version Control: Prometheus, Grafana, Git, GitHub, EFK

WORK EXPERIENCE

Wipro, India   **Dec 2020 - Present**
DevOps Engineer (Contract), Bengaluru

- **Deployed and Managed Kubernetes clusters** on AWS EKS, supporting 200+ microservices with auto-scaling, high availability, and cost optimization.
- **Automated CI/CD pipelines** with Jenkins and ArgoCD, cutting manual deployment steps by 50% and enabling blue/green and canary deployments.
- Provisioned AWS resources using **Infrastructure as Code** (IaC) with **Terraform**, improving infrastructure provisioning speed by 60%.
- Created reusable **Helm charts** for deploying microservices, ensuring 95% consistency across environments and reducing deployment failures.
- **Collaborated** with cross-functional teams, including developers, QA engineers to enhance system reliability and performance.
- Implemented **Agileprinciples**, collaborating with development teams for continuous integration and delivery.
- Utilized **AWS services** such as **EC2**, **S3**, **Lambda**, **ECS**, and **ALB** to optimize infrastructure performance and cost efficiency.

Atos Syntel   **Sep 2019 - Dec 2020**
Consultant, Chennai

- **Provisioned cloud infrastructure** and deployed containerized applications on **AWS** using **Docker** and **Kubernetes**, supporting a growing microservices environment.
- **Automated server provisioning** with **Ansible**, eliminating manual setup and reducing errors by 20%.
- Assisted in the development of **Jenkins-based CI/CD pipelines**, reducing deployment times by 30%.
- **Automated server provisioning** with **Ansible**, eliminating manual setup and reducing errors by 20%.
- Launched and configured **EC2 instances** using **AMI**s, implementing robust security measures and utilizing **Elastic Load Balancers.**
- Managed **IAM roles** and monitored application health with **Amazon CloudWatch** for proactive incident response.
- Implemented and managed CI/CD tools like **Jenkins**, streamlining version control with Git.

EDUCATION

Andhra University, Visakhapatnam, B.Tech in Computer Science Engineering

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Certifications

CKA: Certified Kubernetes Administrator

Microsoft Certified: Azure Fundamentals

PROJECTS

Cloud Resume Challenge, Link
- Technologies: AWS (S3, CloudFront, Route 53, Lambda, API Gateway, DynamoDB), Python, JavaScript, Terraform, GitHub Actions
- Developed a cloud-based resume hosted on **Amazon S3** with a custom domain via **Route 53** and **CloudFront** for HTTPS.
- Integrated a visitor counter using **JavaScript** and stored the count in **DynamoDB**.
- Created a **serverless API** using **AWS Lambda** and **API Gateway**.
- Automated infrastructure deployment with **Terraform** and implemented **CI/CD pipelines** using **GitHub Actions** for seamless updates to the front-end (**S3**) and back-end (**Lambda**)

Achievements

Terraform Challenges
Successfully completed the **KodeKloud Terraform Challenges**, gaining hands-on experience with Infrastructure as Code (IaC) principles and practical use of Terraform to manage cloud infrastructure.

Kubernetes Challenges
Completed the **KodeKloud Kubernetes Challenges**, enhancing proficiency in deploying and managing containerized applications using Kubernetes, including configuring clusters, services, and deployments.