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, 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

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.