

# Prudhvi Keshav

Devops Engineer

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## SUMMARY

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	: Docker, Kubernetes, Helm
Infrastructure Management	: Terraform, Ansible
CI/CD	: Jenkins, ArgoCD, GitOps
Cloud Services	: Azure, AWS, EC2, S3, VPC, Lambda, API Gateway, EKS, ECS
Monitoring Tools	: Prometheus, Grafana
Version Control	: Git, GitHub

## WORK EXPERIENCE

### DevOps Engineer, Wipro, Bangalore

Dec 2020 - Present

- **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.
- Utilized **AWS services** such as **EC2**, **S3**, **Lambda**, **ECS**, and **ALB** to optimize infrastructure performance and cost efficiency.
- Implemented **Agile principles**, collaborating with development teams for continuous integration and delivery.
- **Troubleshooting and Debugging**: Proven ability to identify and resolve complex technical issues in different environments.
- **Collaborated** with cross-functional teams, including developers, QA engineers to enhance system reliability and performance.

### Consultant, Atos Syntel, Chennai, India

Sep 2019 - Dec 2020

- **Provisioned cloud infrastructure** and deployed containerized applications on **AWS** using **Docker** and **Kubernetes**, supporting a growing microservices environment.
- 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 **AMIs**, implementing robust security measures and utilizing **Elastic Load Balancers**.
- Implemented and managed CI/CD tools like **Jenkins**, streamlining version control with **Git**.
- Managed **IAM roles** and monitored application health with **Amazon CloudWatch** for proactive incident response.

## EDUCATION

Andhra University, Visakhapatnam - *B.Tech, Computer Science Engineering*

## CERTIFICATIONS

[Certified Kubernetes Administrator](#)

[Azure Fundamentals](#)

## PROJECTS

### The 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

May 2023

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

Apr 2023

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