

# Bhaskara Prasad B

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## PROFESSIONAL SUMMARY

DevOps Engineer with 2.8 years of experience in automating deployments, managing Kubernetes environments, and building CI/CD pipelines across AWS cloud platforms. Skilled in containerized application management, microservices deployment, and monitoring using industry-standard tools. Experienced in Terraform-based automation, infrastructure optimization, and improving application scalability. AWS Certified Solutions Architect with a strong focus on reliability, performance, and cloud-native DevOps practices.

## SKILLS

**CI/CD & Automation:** Jenkins, AWS CodePipeline (CodeBuild, CodeDeploy), Azure Pipelines

**Cloud Platforms:** AWS (EC2, VPC, IAM, S3, CloudWatch, RDS, ECS, EKS, Lambda)

**Infrastructure as Code:** Terraform, CloudFormation

**Monitoring & Logging:** Prometheus, Grafana, AWS CloudWatch

**Containers & Orchestration:** Docker, Kubernetes

**Programming & Scripting:** Python, Shell Scripting

**Version Control:** Git, GitHub

## EDUCATION

### . Bachelor of Technology in Aeronautical Engineering

2018-2022

*Bharath University, Chennai*

## EXPERIENCE

### . DHISOFT Solutions

Oct 2024 - Present

#### **DevOps Engineer**

- Built reusable Azure Pipelines templates to standardize CI/CD workflows across multiple projects, reducing configuration effort and improving deployment consistency
- Built automated provisioning workflows using Terraform to create AWS infrastructure for internal POCs.
- Developed internal POCs including NuGet package automation and Renovate Bot integration to streamline dependency management and maintain secure, up-to-date codebases
- Strengthening expertise in AWS services and cloud infrastructure while preparing for AWS DevOps Engineer Professional certification

### . BRR Software Systems

Apr 2023 - Sep 2024

#### **DevOps Engineer**

Hyderabad

- Designed and implemented comprehensive CI/CD pipelines using Jenkins, streamlining software development processes and reducing deployment time by 30%
- Boosted scalability of deployments by 25% through containerization strategies, resolving dependency conflicts via Docker optimization
- Collaborated with development teams to ensure efficient application building, packaging, and deployment using DevOps best practices
- Implemented robust monitoring and alerting systems using Prometheus and Grafana, ensuring 99.9% system uptime and proactive issue resolution
- Automated software testing processes including unit and integration testing, improving application reliability and performance by 40%

## PROJECTS

### Containerized ML Deployment on Kubernetes (GPU-enabled)

- Led infrastructure modernization of ML platform serving 15,000+ requests/hour, architecting Docker-based deployment with GPU optimization
- Deployed containerized microservices on Kubernetes with auto-scaling, pod management, and GPU resource optimization.
- Built Jenkins CI/CD pipelines for automated rollouts, canary updates, and versioned deployments.
- Integrated monitoring dashboards with Grafana for microservice performance analysis.

### Three-Tier Cloud Deployment Architecture

- Automated deployments using Jenkins for frontend, Node.js middleware, and MongoDB backend.
- Improved system reliability by orchestrating deployments across environments and implementing automated patching workflows
- Managed cloud infrastructure components, including load balancing, DNS, and logging.
- Leveraged GCP infrastructure for source code management and cloud scalability, ensuring robust system performance

## CERTIFICATIONS

### . AWS Certified Solutions Architect – Associate

Feb 2025 / AWS