

# PAVANKUMAR DASARI

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## PROFESSIONAL SUMMARY:

AWS and DevOps Engineer with four years of experience **automating, building, deploying, and managing** code across **DEV, TEST, STAGE, and PROD** environments. Proficient in orchestrating end-to-end CI/CD pipelines, provisioning **cloud infrastructure**, and ensuring **high availability** and **scalability**. Skilled in **Linux, AWS, Git, Jenkins, Terraform, Ansible, Docker, Kubernetes, and monitoring tools**. Adept at collaborating with crossfunctional teams, troubleshooting production issues, and delivering scalable solutions.

## TECHNICAL SKILLS:

- **Cloud Environments:** AWS (EC2, VPC, IAM, EBS, Load Balancers, Auto-Scaling, Security Groups, AMI, S3, Route53, CloudWatch, ECR, ECS, EKS)
- **Orchestration:** Kubernetes, Amazon ECS
- **Containerization:** Docker
- **Infrastructure as Code:** Terraform
- **CI/CD Tools:** Jenkins, SonarQube
- **Configuration Management:** Ansible
- **Build & Artifact Management:** Maven, Nexus
- **Monitoring Tools:** CloudWatch, Prometheus, Grafana
- **Version Control:** Git, GitHub
- **Operating Systems:** Linux, Ubuntu, CentOS, Windows
- **Web/Application Servers:** Apache Tomcat, Apache, Nginx
- **Databases:** MySQL (RDS)
- **Scripting & Automation:** Bash/Shell Scripting
- **Project Management:** JIRA, Agile Scrum

## EDUCATION:

### Bachelor of Science

Chaitanya Degree College (Autonomous), Warangal - Graduated September - 2021.

## PROFESSIONAL EXPERIENCE:

### AWS & DevOps Engineer

GLOBUS INFO SERVICES PRIVATE LIMITED., Bangalore - (Oct 2021-Present)

### Project-2: Roster (Medical Billing Platform), Australia

#### Sep 2024-Present | DevOps Engineer

Developed a medical billing platform to store and track patient information, generate Medicare claims, and manage invoice approvals, improving claim processing efficiency.

- Designed and deployed **AWS infrastructure** using **Terraform**, provisioning **EC2, VPC, RDS, and Load Balancers**, reducing setup time by 20%.
- Configured **IAM** roles, **security groups**, and **VPC subnets** for secure access, enhancing authentication reliability.

- Automated **CI/CD** pipelines with **Jenkins** and **AWS CodeCommit**, enabling seamless code-to-deployment workflows, cutting release cycles by 15%.
- Containerized **microservices** with **Docker** and **Kubernetes**, improving **scalability** and deployment speed.
- Implemented **CloudWatch**, **Prometheus**, and **Grafana** for real-time monitoring, identifying and resolving 95% of performance issues proactively.
- Wrote **Ansible playbooks** to automate server configurations, reducing manual effort by 40%.
- Supported 24x7 production environments, resolving critical issues within **SLAs**.

## Project-1: Wayfair (E-Commerce Platform), U.S.

### Oct 2021-Sep 2024 | DevOps Engineer

Contributed to Wayfair's e-commerce platform, connecting customers with independent sellers for furniture and home goods, optimizing infrastructure for high traffic.

- Provisioned **AWS resources (EC2, S3, RDS, Route53, ELB)** using **Terraform**, ensuring 99.9% uptime.
- Built **Jenkins** pipelines for CI/CD, deploying **applications** across **DEV, QA, STAGE, and PROD**, reducing deployment errors by 20%.
- Configured **auto-scaling** and **CloudWatch alarms**, handling peak loads efficiently.
- Deployed **Dockerized microservices** on **Kubernetes** clusters, pulling images from **ECR**, improving resource utilization.
- **Automated** infrastructure tasks with **Bash scripts** and **Ansible**, streamlining deployments.
- Collaborated with security teams to implement Alert Logic Threat Manager, enhancing **EC2** security monitoring.
- Participated in **Agile Scrum**, managing **JIRA** boards and documentation, ensuring on-time delivery.

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### KEY ACHIEVEMENTS:

- Implemented self-healing **Kubernetes** clusters for **e-commerce** platforms, achieving 99.9% **uptime** and **reducing downtime**.
- Reduced AWS infrastructure costs by 15% by leveraging spot instances and **optimizing** S3 lifecycle policies for data archiving.
- Automated CI/CD pipelines with Jenkins and Terraform, cutting deployment times by 30% **across DEV, TEST, and PROD** environments.
- Migrated **on-premises VMware VMs** and **databases to AWS (EC2, RDS, S3)**, improving **scalability** and saving 20% on operational costs.
- Configured **CloudWatch** and **Prometheus monitoring**, proactively resolving 95% of performance issues for **healthcare** billing applications.

### Declaration

I hereby declare that all the details furnished above are true to the best of my knowledge.