

# PAVANKUMAR PULABALA

## DEVOPS/SITE RELIABILITY ENGINEER

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📞 9392262075

📍 Hyderabad, Telangana

### TECHNICAL SKILLS

Operating systems	Linux (CentOS, Ubuntu)
Cloud	Aws, Azure
CI / CD Tools	Jenkins, ArgoCD, Helm
Containerization	Docker, Kubernetes
IAC/Configuration Management Tool	Terraform, Ansible, Chef
Continuous Monitoring	Nagios, Grafana, Prometheus, Cloud Watch
Scripting Languages	Shell, YAML
Version Control	Svn, Github
Build/Repository Tools	Maven, Gradle, Cmake, Docker Hub, JFrog
Security Scan	SonarQube, whitesource, Coverity, Xray

### PROFILE

Dedicated DevOps Engineer, SRE with almost 9 years of experience in automating infrastructure and implementing CI/CD pipelines using Jenkins, Docker, Kubernetes, and Ansible. Proficient with various deployment, testing, and development tools, experienced in AWS and Azure environments. Managing both non-production and production environments. Self-driven, committed to quality, and effective in collaborating with development and QA teams.

### WORK EXPERIENCE

#### GE Digital

10/2021 to till now

##### Staff DevOps Engineer

- Leveraged **Docker** and **Kubernetes** to manage microservices and facilitate CI/CD practices.
- Maintained and automated **CI/CD pipelines** for code deployment using **Jenkins** and **GitHub** webhooks.
- Created new Jenkins jobs and built pipelines for continuous integration, aiding the migration of applications to AWS.
- Worked with SonarQube, **WhiteSource**, and **Coverity** for code quality analysis and vulnerability checks.
- Coordinated with software and QA engineers to enhance the reliability and efficiency of **build and deployment** processes, supporting all development phases, including production releases.
- Set up and configured AWS infrastructure components, including **VPC, EC2, S3, IAM, EFS, EKS**, Security Groups, Auto Scaling, and Lambda using Terraform.
- Deployed content to AWS using EC2, EKS, EFS, and EBS. Prepared shell scripts for process automation and file system management.
- Configured Azure infrastructure with **VNet, VMs, Blob Storage, IAM, Azure Files, AKS, NSG**, Auto Scaling, and Azure Functions using Terraform.
- Automated processes and managed file systems with shell scripts.

#### Pandora R&D Labs Pvt

07/2018 to 10/2021

##### Sr. Build Engineer

- Automate operational tasks and improve efficiency using Jenkins, Docker, Kubernetes, and **SVN**.
- Enhance system reliability and performance with monitoring tools like **Prometheus, Grafana, and ELK stack**.
- Manage infrastructure with **Chef, Ansible**, and Terraform, and orchestrate deployments via CI/CD pipelines.
- Conduct post-incident reviews, document processes, and share knowledge to prevent future disruptions.
- Collaborate with development teams for seamless integration and deployment, and contribute to feature design.
- Work with QA team to automate testing and ensure high-quality releases.
- Manage AWS resources, including VPCs, EC2 instances, EBS volumes, and S3 buckets, and configure load balancers and auto-scaling for high availability.
- Develop and maintain Docker files, configure containers, and manage private registries.

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## EDUCATION

### B.tech

Jagruti College of Engineering 2009-2013  
Computer Science Engineering

### Tranway Technologies Pvt Ltd

08/2017 to 12/2017

#### Software Engineer

- Designed and implemented secure CI/CD pipelines using Jenkins, Git, and Docker, ensuring that applications are built and deployed with security best practices.
- Integrated automated security testing tools into CI/CD pipelines, such as **white source and Nessus**, to identify and address security vulnerabilities early in the development process.
- Implemented infrastructure security controls using tools like Terraform and AWS Security Groups, ensuring secure and compliant cloud environments.
- Conducted security assessments and penetration testing of applications and infrastructure to identify and remediate security weaknesses.
- Developed, tested, and implemented new microservices. Configured and maintained pipeline framework. Tested all framework components.
- Provided system support to clients. Troubleshooted and fixed bugs and errors. Resolved any IT related issues.
- Collaborated with peers on the development of new automation tools and services used in the management and maintenance of various virtual environments.

### Ribha Software Consultancy Pvt Ltd

01/2015 to 08/2017

#### Associate Systems Engineer

- Supported builds for multiple environments, including Dev, QA, Staging, and Production.
  - Performed manual and automated builds using Maven.
  - Deployed WAR and EAR applications on various targeted servers in clustered environments.
  - Administered, monitored, and troubleshoot WebLogic using the Admin Console.
  - Analyzed log files and managed their periodic removal.
  - Adjusted heap parameters such as -Xms, -Xmx, -XnoOpt, and -XnoHup.
  - Conducted daily environment health checks.
  - Took thread dumps and performed root cause analysis.
  - Created and configured WebLogic server instances and clusters in a domain environment.
  - Installed WebLogic on production servers in console mode.
  - Administered WebLogic using the Admin Console.
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