

# Lavanya A S Senior Software Developer

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## Profile

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Having 5 years 11 months of experience in DevOps tools. With extensive hands-on experience in Linux, Git, Github, Shell Script, Proficient in Docker, Kubernetes, and automation using Jenkins with CI/CD pipelines.

## Professional Experience

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### Senior Software Developer, Cyient Ltd

11/2022 – 04/2024 | Bangalore

- Building the CI/CD pipeline using Jenkins and plugins like source code checkout, Maven, SonarQube, etc
- Provide support for Continuous Development & responsible for maintaining Central repositories like setting up projects, giving permissions, creating branches & merge requests in GitHub.
- Written Dockerfiles for Different Microservices, packaged as Docker images, and pushed into the Docker registry.
- Setup/Managing VPC, Subnets, making connections between different zones, blocking suspicious IP/Subnet via ACL.
- Created different namespaces for different environments for application deployments, resource allocation for the pods, persistent volumes, daemon sets, stateful sets, etc.

### DevOps Engineer, J P Morgan

05/2018 – 11/2022 | Bangalore

- Deployed the static content to Apache web servers and applications to the Tomcat Application Server.
- Launching AWS services like EC2, S3,VPC through terraform.
- Launching Amazon EC2 cloud instances using Amazon Web Services (Linux/Ubuntu/RHEL) and configuring the launched instances to a specific application.
- Performed Continuous Monitoring using Prometheus and Grafana for visualization.

## Projects

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### Thales eSim Migration

11/2022 – 04/2024

- Created CI/CD pipelines using various tools like Jenkins, Maven, Docker, and Kubernetes.
- Preparing AMIs for implementing Auto Scaling and taking regular snapshots in AWS..
- Generating user-level access for related GitHub project directories to the code changes.
- Updating software using Ansible on multiple Web servers.

### Telecom(5G/4G)

05/2018 – 11/2022

- Implemented Dockerized CICD pipeline for various stages in Jenkins.
- Involved in build activities using the Jenkins continuous integration tool.
- Creating EC2, adding EBS volumes for EC2 instances, and taking a backup of the EBS volume.

## Skills

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**DevOps Tools:** Linux, Git, GitHub, GitLab, Jenkins, Shell Script, Maven, SonarQube, Nexus, Docker, Kubernetes, Jira, Ansible, Terraform, Windows

**Cloud Platform:** AWS (EC2, IAM, VPC, Load balancer, Auto Scalling, EBS, S3, EKS )

**Monitoring Tools:** Cloud Watch, Prometheus, and Grafana

## Certificates

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AWS Solution Architect (MicroDegree)

DevOps Engineer (MicroDegree)

## Education

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**Bachelor of Engineering in Electronics and communication., VTU**

2010 – 2014