

## Santhosh S Yalamuri

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### Executive Summary

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DevOps\CloudOps professional with overall 10+ years' experience in CI CD, Release Management, Devops automation. Ensuring the 8 milestones for devops standardization - CI/CD/CT pipelines setup & configuration via Azure Devops, Jenkins tool, branching strategy, Build and release pipelines for application Deployments , unit testing implementation, sonar cloud code quality analysis and quality gate, Azure Boards customization and dashboards and artifacts management. Hands on experience in Azure resources creation, Kubernetes deployment of micro services and deployments to Docker Swarm.

Involved in cloud migration of application from on premises to azure cloud using lift and shift cloud migration to azure. Exposure to Azure resources Application gateway, API Management, VM creation, configure CI CD for IIS application.

Exposure to Kubernetes deployments for multiple micro service applications using manifest files, automation of AKS resource creation using terraform.

Experience in hosting micro services in docker swarm, setting up CI CD using azure devops. Writing custom docker compose files.

Presently, working with Eurofins IT solutions as a Release Lead in a team of 8 members taking care of Release Management, Cloud Infrastructure automation, setting up CI CD for various applications.

### Technical Skillset

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Operation Systems	Windows, Linux
Cloud Services	Azure
Version Control	Git, TFS
Web Servers	IIS, Nginx
Build Tool	MS Build, Maven
CI CD tools	Azure DevOps, Jenkins
Scripting	Powershell, Shell scripting
Containerization Platform	Kubernetes, Docker
Infrastructure Provisioning Tool	Terraform

### Certifications

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- Designing and Implementing Microsoft DevOps Solutions AZ-400
- Microsoft Azure Fundamentals AZ-900

## **Professional Experience:**

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- Eurofins IT Solutions: May 2019 to till date
- Jeeves Information System: March 2015 to May 2019
- Mindtree ltd Bangalore: June 2012 to March 2015
- CDC Software India Pvt. Ltd. Bangalore: October 2010 to June 2012
- Automated Workflow ltd Bangalore: February 2010 to October 2010

## **Roles and Responsibilities in Eurofins IT Solutions**

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1. Setting up continuous integration, continuous deployments and continuous testing system for code release via Azure Repos, Azure Pipelines, Azure Artifacts.
2. Creating and managing Azure services like Azure VM, Blob storage, Azure App Services, AKS (Kubernetes service), API management, Azure Application Gateway using Terraform.
3. Preparing Configuration Management plans, process/configuration Documentation.
4. Writing PowerShell and Shell scripts, Creating and configuring build and deployment jobs in Azure Devops.
5. Setup fully automated CI/CD pipeline in Azure Devops (managed using GIT).
6. Troubleshooting, monitoring and Debugging the root cause whenever jobs are unstable or fail.
7. Deployment of IIS, Java, python, node JS, angular framework in CI/CD pipeline.
8. Working on Docker, writing Docker files and Docker compose files and using it in Azure pipelines.
9. Setting up and configuring Kubernetes in Microsoft Azure and using it in the pipeline.
10. Handle Major and Minor releases.
11. Customization of Azure DevOps process templates.
12. Setup Nuget Artifactory in Azure Devops.
13. Set up custom Docker compose files for Docker service deployment to docker swarm

## **Roles and Responsibilities in Jeeves ERP**

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1. Participate in Build, Deployment and Release Management using Azure Devops Pipelines.
2. Create and maintain CI and Nightly build definitions
3. Design deployments to test environments
4. Develop Jeeves Desktop client and Jeeves application msi using Wix
5. Source Control Management
6. TFS Administration
7. Integration between RightNow and TFS to create worktimes

## Roles and Responsibilities in Mindtree\CDC Software

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1. SCM administration.
2. Maintenance on InstallShield installers, Patch creation, Minor/Major upgrades.
3. Creating Bootstrapper using WIX 3.6
4. Responsible for developing Installers for Reporter in WIX
5. Setting up the build server for agile team and using Cruise Control.Net and NAnt.
6. Set up Web updates using True Update Server
7. Responsible for developing Installers for Flir Word Reporting.
8. Setting up the build server for agile teams Cruise Control.Net and NAnt.
9. Fixing issues with 18 products installer for 32 bit setups and 64 bit setups
10. Build Automation with Cruise control .NET and NAnt.
11. Development of new c360 installation packages using WiX and C# .NET.
12. Implemented Agile 2.0 build architecture which is the common building system across the CDC using Cruise control system and NAnt.

### Awards & Recognition:

- Star Performer award for handling cloud migration for Ecommerce application (August 202)
- **Gold Cheers award** for leading Azure Boards migration for F&A in **Jeeves (June 2020)**
- **New Star Award** for establishing Devops Standardization in Jeeves (Jan 2016)
- **POWER AWARD** for Linux server migration in Mindtree (Sep 2014)
- **On Spot Award** for delivering a project in Mindtree (Jan 2014)
- **Spot Award** as an individual contributor in CDC Software (Oct 2011)

### Academic Details:

- BE (Computer Science) from Alpha College of Engineering (VTU) with 69% aggregate.
- MS (SDE) from Manipal University.