

# Arjun Avagadda

## App/Cloud DevOps Engineer

DevOps engineer with 3+ years of experience in IT operations, design, and implementation of IT infrastructure. Proficient with automation, Configuration management tools, and in developing CI/CD pipelines.

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## WORK EXPERIENCE

### DevOps Engineer ACCENTURE

01/2019 - Present

Hyderabad

#### Achievements/Tasks

- Worked in agile projects delivering end to end continuous integration/continuous delivery pipeline by integration of tools like **Git**, **Jenkins**, **Docker**.
- Configuring, Automating and Deploying **Ansible** for configuration management to existing Infrastructure.
- Experience in automation scripting using **Python** and **Shell scripting**.
- Experience in developing **Splunk** Queries and Dashboards targeted at understanding application performance.
- Worked with **AWS Environment** on services like EC2, S3, Cloud Watch, lambda.
- Experience in cloud provisioning tools such as **Terraform** and Cloud Formation.
- Awarded Pinnacle AwardFY20 - Rising star**, Client Appreciation for efforts in **CloudBees migration** and Mobile automation.

### Software Trainee

#### ISPATIAL TECHNO SOLUTIONS PVT LTD

07/2018 - 12/2018

Hyderabad

<https://www.ispatialtec.com/>

#### Achievements/Tasks

- Worked on developing mapping applications using HTML5, CSS3, JavaScript (ArcGIS API for JavaScript).
- Worked with issue tracking tools such as Jira, rally.

## CERTIFICATIONS

AWS Certified Solutions Architect – Associate  
(09/2021 - 09/2024)

AWS

Gremlin Certified Chaos Engineering Practitioner -  
GCCP

Gremlin

Splunk 7.x Fundamentals

Splunk

MongoDB Basics

MongoDB

## SKILLS

Python

Jenkins

Git

AWS

Splunk

Terraform

Docker

Ansible

Linux

HTML

## PROJECTS

### AWS and App/Cloud Support

- Experience in setting up enterprise infrastructure on Amazon Web Services (AWS) including EC2, S3, Cloud Formation, VPC, Cloud Watch.
- Experience on AWS Serverless services Lambda, API Gateway.
- Experience in LINUX/Unix System Administration.

### Splunk Monitoring tool

- Developed custom Add-ons using Python Scripting which pulls data from different sources.
- Created Reports, Alerts and Dashboards by Splunk query language for various agile teams in the project.
- Worked on shell scripting to automate the Splunk re indexing.

### CI/CD

- Involved in setting up CloudBees Master and multiple slaves as a CI tool and Jobs migration from Jenkins to CloudBees and Build/Deploy Pipeline Setup.
- Worked on conversion of freestyle jobs to pipeline as a code in different environments.
- Email notifications and notifications to WebEx teams - worked on cisco spark Plug in and its implementation in pipeline jobs (Declarative pipeline).
- Worked on Jenkins file and Shared libraries in Jenkins and enhanced reusability.
- Used Ansible as Configuration management tool, to migrate application running on some old configuration instances to new servers, Automated updating packages and security patches using Ansible playbooks.
- Developed docker files for a micro service architecture application. and experience with container-based deployments using Docker, working with Docker images, containers, Docker Hub. Mobile Automation.

### Mobile Automation Framework

- Experience in setting up test environment for automated script execution using Java, Appium, Maven and MongoDB. Improved the framework to work with android and configured virtual emulators to test the application.

### Personal Projects

- Kode Kloud Engineer - Worked on various Linux and DevOps tasks in virtual Environment and was promoted to DevOps Engineer from Systems Administrator
- Composed reference Notes on various concepts on Ansible, Docker, Terraform, AWS CloudFormation templates, lambda, AWS Code Deploy, Code Pipeline
- Chaos Engineering built some basic activities to kill AWS services on Gremlin SaaS platform

## EDUCATION

### Bachelor of Technology

#### GMR INSTITUTE OF TECHNOLOGY

Rajam, Andhra Pradesh