Arjun Avagadda

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Career Objective: 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

Experience

Accenture | Hyderabad   JAN 2019 – Present
DevOps Engineer

- 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 setting up test environment for automated script execution using **Java**, Appium and Build tools.
- Experience in developing **Splunk** Queries and Dashboards targeted at understanding application performance.
- Worked with **AWS** Environment on services like EC2, S3.
- Experience in Installation, Configuration of Web/Application Server's Tomcat 7.0/8.0, Apache 2.2/2.4, Nginx.
- Automate infrastructure provisioning using **Terraform**.
- Worked with issue tracking tools such as Jira, rally.
- Awarded **Pinnacle AwardFY20** - Rising star.
- Client Appreciation for efforts in **CloudBees** migration and Mobile automation.

iSpatial Techno Solutions Pvt Ltd | Hyderabad   JUL 2018 – DEC 2018
Software Trainee

- Worked on developing mapping applications using **HTML5, CSS3**, JavaScript (ArcGIS API for JavaScript).

Education

GMR Institute of Technology | Rajam, Andhra Pradesh
Bachelor of Technology

Projects

AWS and NOC Analyst
AWS, Jira.
- Working on some of the AWS services EC2, S3, CloudWatch and beginner level understanding of VPC.

Splunk Monitoring tool
Splunk, HTML, CSS, XML, Python, Shell Scripting
- 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 reindexing

CI/CD
GIT, Jenkins, Docker, Ansible
- Involved in setting up CloudBees Master and multiple slaves as a CI tool and Jobs migration from Jenkins to CloudBees.

- Responsible for Jenkins plugin management, user management, Build/Deploy Pipeline Setup.
- Worked on conversion of freestyle jobs to pipeline as a code in DEV, SIT, UAT & Production 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.
- Experience with container-based deployments using Docker, working with Docker images, containers, Docker Hub.

Mobile Automation Framework
Java, Appium, Maven, MongoDB
- 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.

Certifications
- AWS Certified Solutions Architect – Associate (09/2021 - 09/2024)
- Gremlin Certified Chaos Engineering Practitioner - GCCEP
- Splunk 7.x Fundamentals
- MongoDB Basics

Skills & Interest
- **Technical:**
- AWS: EC2, VPC, S3, AWS DevOps tools, Lambda, CloudWatch, CloudFormation
- DevOps Tools: GIT, Jenkins/CloudBees, Ansible, Docker, Terraform, GitHub, GitLab
- Databases: SQL Server, MongoDB
- Languages: Python
- Frontend: HTML, CSS, JS
- Monitoring: Splunk
- Data: XML, JSON, YAML
- Web/Application Server: HTTP Server, Tomcat
- Testing tools: Selenium, Appium, Maven
- Misc.: Jira, Rally

- Languages: Fluent English, Native Telugu, and Beginner Hindi
- Interest: Techolic- latest trends in tech, Sports Person - Cricket, Badminton