

**ATUL GIRI**

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**Professional Exp :** DevOps Engineer at Techforce Consultant Pvt.ltd. February 2018 Present.  
Linux System Engineer at ANDC. October 2015 to Feb 2018.

**Total Experiance : 5 Years**

**Career Objective**

- To secure a challenging position where I can effectively contribute my skills as DevOps Professional, possessing competent Technical Skills.

**ROLES :** Responsible for building, managing, monitoring, administering, automating and optimising infrastructures, application configurations, CI/CD Pipelines. Daily stand-up meeting, attend sprint planning and review .They are the ones who keep the lights on. I would put their responsibilities into following 6 buckets.

**BUILD:**

Be it cloud based or on premise infrastructure responsible for building it. And they have to consider non functional requirements such as scalability, availability, security, disaster recovery when they do. In addition to building infrastructures, they are the ones who typically build VM and Container Images. Most of these tasks are automatable with tools such as Ansible, Docker & Jenkins.

**INSTALL AND CONFIGURE:**

This involves installation and configurations of Operating Systems (which has now become easy with cloud and containers as base images are readily available), application stack including app servers, databases, middleware and anything use declarative code to manage configurations with tools such as Ansible, Chef, Puppet.

**CI/CD:**

Instant feedback is what continuous integration provides and responsible for setting up and automating CI pipelines as well as defining and implementing Release/Deployment strategies. Be it container based or on cloud. Tools such as Jenkins, Spinnaker are useful to automate CI/CD pipelines.

**ADMINISTER:**

Infrastructure is built, application stacks deployed, This includes application operations and debugging, a bit of database and storage administration, monitoring, optimising, security etc.

**TROUBLESHOOT:**

Building infrastructures, configuration management, pipelines or just as part of running this infra must have advanced level of troubleshooting skills and must master the tools of the game.

**AUTOMATE:**

Majority of the Devops Work can be automated. When not busy with issues or setting up things, a Devops Engineer typically spends time automating the recurring tasks.

**DevOps Tools and Major Activity :**

Java,GIT,CI/CD Pipelines,Ansible,Jenkins,AWS/Azure,Docker,Kubernate,Sonarqube,Shell Script & Linux. We are using **Git** as a Version Control System.Enabling branching strategies , Managing Git repositories using various git Command (like Push , pull, clone ,branch , rebase etc..) managing git user access(giving access to specefic repository or specific braches to secure our code)

**Jenkins**

setting jenkins server , Master and slave configuration ,Managing CI/CD jobs .Managing jenkins plugins Integration other DevOps tools like git,maven,ansible,sonarqube,Nexus. These are the major activity in the Jenking we can do.

**Ansible**

Setting up Ansible control server ,Writing playbooks and roles & Managing Ansible hosts. these are the activity we can do in ansible.

**Kubernates**

Setup kubernates environment on AWS or on-premises , Writing deployment files and service files

Managing containers on Pods & Managing kubernetes nodes. these are the activity under kubernetes we can do.

### **Docker**

Setup Docker environment , Writing Dockerfiles, Creating custom images, Setting up private Docker registry in the environment , Creating & Managing containers. these are the activity in Docker we can do.

### **AWS/Azure**

Knowledge of major cloud service providers, like AWS(EC2,VPC,S3,IAM,RDS&R53), Azure etc.

PROJECT # 1	E-DATA INTERCHANGE	APR -2019 TO PRESENT
<b>Project</b>	: DevOps Operation	
<b>Location</b>	: New Delhi, India	
<b>Role</b>	: DevOps Engineer	
<b>Team Size</b>	: 5	

#### **Responsibilities:**

Setting up CI/CD pipelines for a project. Automating things using some common tools like Ansible. Which includes patching, configuration management, server commissioning etc. Learning new technologies based on project requirement. Daily stand-up meeting, attend sprint planning and review. Troubleshoot and provide operational support. Monitoring and scaling infrastructure. also play a support role in supporting the delivery pipeline and try to integrate more tools into the pipeline.

PROJECT # 2	PAYMENT BILLING SYSTEM	FEB-18 TO APR-19
<b>Project</b>	: DevOps Operation	
<b>Location</b>	: Delhi, India	
<b>Role</b>	: DevOps support	
<b>Team Size</b>	: 5	

#### **Responsibilities**

Responsibility to automate the infrastructure provisioning and writing recipes for creating the necessary infrastructure needed for the application teams. He might also help in automating the patching process and also take part in the infrastructure refresh. responsible to creating the delivery pipeline which will help to propagate the code from one environment to another. He will also play a support role in supporting the delivery pipeline and try to integrate more tools into the pipeline.

**Other Exp-:** Linux System Engineer at ANDC Oct -2015 to Feb -2018 (2+ Year)

**Roles & Responsibility:** Manage and monitor all installed systems and infrastructure .Install, configure, test and maintain operating systems, application software and system management tools Proactively ensure the highest levels of systems and infrastructure availability .Monitor and test application performance for potential bottlenecks, identify possible solutions, and work with developers to implement those fixes Maintain security, backup, and redundancy strategies .Write and maintain custom scripts to increase system efficiency and lower the human intervention time on any tasks. Participate in the design of information and operational support systems .Provide 2nd and 3rd level support.

### **PROFESSIONAL QUALIFICATION**

M.C.A (Master of computer application) From (Indira Gandhi National Open University) New Delhi.[Marks 62%] Session [2013-2015].

B.C.A (Bachelor of Computer Application) From (Indira Gandhi National Open University) New Delhi. [Marks 57 %] Session [2009-2012].

C.I.C (Certificate in Computing) From (Indira Gandhi National Open University) New Delhi. [Marks 56 %] Session [2010].

Certificate Specialization Course [JAVA J2SE & J2EE with Framework] From "DUCAT" Nov 2014 -06 Jun 2015.

### **EDUCATIONAL QUALIFICATION**

Completed XII standard from UP Board , From Gorakhpur in the year 2008 with 63% marks.

Completed X standard from UP Board , From Gorakhpur in the year 2005 with 55% marks.

**Hobbies:** Sports and Reading/writing Tech-blog.

**Achievement:** Performing in refactoring and optimization AWS, CI, infrastructure. Monitoring systems. Setting up infrastructure. Participate as a technical Discussion in start-up's.