

ALIASGAR HUSAIN

AWS DevOps Engineer

Pune, India

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PROFILE

Dedicated and highly motivated DevOps Engineer with a strong foundation in Automation, and Infrastructure management. Recently graduated with a BE- CS from Pune University, I bring a passion for technology and a willingness to learn and adapt to new challenges. Skilled in configuring and maintaining CI/CD pipelines, automating deployment processes, AWS services, and DevOps tools. Eager to contribute my skills and enthusiasm to a dynamic DevOps team and embark on a successful career in the field.

EDUCATION

❖ **Dhole Patil College Of Engineering** Apr 2019 — Jun 2023
Pune
B.E. (Computer Science)

In 2023, I graduated from SPPU with First-Class Distinction, achieving academic excellence in my college journey. During This period participating in many competitions like extempore, debate and much more.

SKILLS

AWS	<i>Experienced</i>	IAM	<i>Experienced</i>
Docker	<i>Experienced</i>	Python	<i>Beginner</i>
Kubernetes	<i>Experienced</i>	Terraform	<i>Experienced</i>
Git	<i>Experienced</i>	Azure	<i>Beginner</i>
Linux/Unix	<i>Experienced</i>	EKS	<i>Skillful</i>
Jenkins	<i>Experienced</i>	Java	<i>Beginner</i>
CI/CD	<i>Experienced</i>	AWS S3	<i>Experienced</i>
EC2	<i>Experienced</i>	Prometheus	<i>Skillful</i>
Linux	<i>Experienced</i>	Grafana	<i>Beginner</i>

INTERNSHIPS

❖ **Technical Assistance, Indiba Buisness Solutions** Jul 2021 — Sep 2023
Pune
Worked on databases and ERP software . Maintaining the software and working directly with clients. Modifying ERP software as per the requirements of clients and their businesses. Solved issues related to Salesforce and erp related issues.

CERTIFICATION

❖ **AWS Solutions Architect** May 2023 — May 2026
I successfully obtained the AWS Certified Solutions Architect - Associate certification, issued by Amazon Web Services (AWS). This certification validates my comprehensive knowledge of AWS services and demonstrates my expertise in designing scalable and cost-effective solutions within the AWS cloud environment.

COURSES

❖ **Amazon web services** Feb 2023 — Apr 2023
Ethans

❖ **Devops** Aug 2023 — Oct 2023
Ethans

LANGUAGES

English *Highly proficient* Hindi *Native speaker*

PERSONAL PROJECTS

❖ **Application deployment using Jenkins and Docker** Aug 2023

- Creating a Pipeline for deploying a java web application on Docker Container. getting the source code from GitHub repository in Jenkins CI/CD Pipeline, Compiling and building the application using Maven, checking the code through SonarQube, Uploading the application version to nexus repository for version control.
- After that Building a docker image with our application file and using tomcat as a hosting image and pushing it to container repository(Docker Hub).
- Finally Deploying the application on another server on docker container by using the docker image pulling it from Docker Hub
- Project Link : https://github.com/aliasgarxo/JenkinsDocker_pipeline

❖ **KubeFlow: Streamlined CI/CD with Kubernetes and Jenkins** Sep 2023

- Designed and implemented an efficient CI/CD pipeline leveraging Kubernetes, Jenkins, and Git for seamless application deployment within a Kubeflow environment.
- This project showcases expertise in orchestrating Kubernetes services, streamlining code integration, and automating deployment workflows.
- Demonstrated skills in optimizing software delivery pipelines for improved efficiency and scalability, further enhancing my proficiency in DevOps and Kubernetes ecosystem.
- Project link - <https://github.com/aliasgarxo/KubeFlow>

❖ **Jenkins Pipeline CI/CD for deploying Web Application** Jun 2023

- Crafting a high-impact Jenkins Pipeline for seamless Java web application deployment. Precision integration of Maven, Nexus, SonarQube, Tomcat, and Git to elevate efficiency and quality. Automated solution for accelerated development and deployment.
- Using AWS ec2 Instances for hosting Jenkins and all tools on multiple server.
- Initializing Git with Jenkins to get the java application and Jenkins file which contain the pipeline code.
- Project Link : <https://github.com/aliasgarxo/JenkinsPipeline>

❖ **AWS 3-tier Application architecture - Automation** Apr 2023

- Building a robust and highly available 3-tier application architecture in AWS using Terraform, incorporating a suite of services such as Amazon RDS, EC2 instances, Elastic Load Balancers, Auto Scaling, Virtual Private Cloud (VPC), NAT gateways, Route 53 DNS, and more.
- This architecture ensures optimal performance and availability for applications, providing scalability through auto scaling and load balancing.
- With the Help of Terraform file and applying it in AWS cli, It can create the whole Infrastructure in one go.
- Project Link : <https://github.com/aliasgarxo/JenkinsPipeline>