

YASH PATIL

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EDUCATION

MODERN EDUCATION SOCIETY COLLEGE OF ENGINEERING

Bachelor of Engineering - Computer Engineering
Cumulative CGPA: 9.02/10

Pune, India
June 2018 - July 2022

EXPERIENCE

HASHNODE [Link](#)

Technical Blogger

India
Oct 2022 - Present

- Writing and publishing technical blogs on Devops topics, including Linux, Git, Networking, Docker and Kubernetes.
- Utilizing the Hashnode platform to share my knowledge and insights with a wider audience, resulting in more than 1K+ views combined showcasing strong technical writing and communication skills.
- Received positive feedback and appreciation from the community for contributing valuable insights through blog post and social media platform like LinkedIn

SKILLS

Linux | Networking | Python | Git | GitHub | Maven | Docker | Kubernetes | Jenkins | Ansible | Terraform | AWS

PROJECTS

Automated CI/CD Pipeline for Web Application Using Github, Jenkins, Maven, Ansible, Docker and Kubernetes on AWS [Link](#)

Feb 2023

- Built and deployed web application using Tomcat server, and set up continuous integration and deployment (CI/CD) pipeline with GitHub, Jenkins, Maven, and Tomcat.
- Deployed artifacts on Docker containers, wrote Dockerfiles, and integrated Docker host with Jenkins to create a CI/CD job for building and deploying on containers.
- Deployed artifacts on Docker containers using Ansible by setting up an Ansible server, integrating it with Docker host, and creating Ansible playbooks for creating images and containers. Also, integrated Ansible with Jenkins to create a CI/CD job for building code on Ansible and deploying it on a Docker container.
- Deployed artifacts on Kubernetes using Amazon EKS, wrote manifest files for pod, service, and deployment, and integrated Kubernetes with Ansible to create Ansible playbooks for deployment and service. Also, created a CI/CD job for building code on Ansible and deploying it on Kubernetes.

Deployment of JavaScript-Node Js application using Docker, Nexus and DigitalOcean [Link](#)

Nov 2022

- Git cloned an existing project consisting of Javascript-Node Js application. Pulled MongoDB and Mongo-express from DockerHub and created mongo-network to start containers in it. Started MongoDB and Mongo Express containers with all the necessary parameters and created a new database via Mongo Express Ui. Configured Node Js application code to connect with the database.
- Created a docker-compose file to start mongodb and mongo-express containers instead of using docker run. Created a Dockerfile for our Nodejs Application and built a Docker image. Created private Docker Registry on AWS ECR and pushed the Docker image to AWS ECR repository.
- Added the application image in Dockerfile services and started the Docker Container with Docker-compose. Configured persistence for our application data using Docker volumes.
- Created a Docker repository on Nexus and Configured User Role, Ports and Firewall rules. Pushed the Docker Image to Nexus Repository. Created a Droplet on DigitalOcean Server and installed Docker. Run Nexus as a Docker Container on Digital Ocean Server and accessed it from the browser.

CERTIFICATIONS

- Introduction to Cloud Computing on AWS for Beginners [2023] [Link](#)
- Ansible for the Absolute Beginner - Hands-On - DevOps [Link](#)

ACHIEVEMENTS

- Winner of National Level Hackathon (Hackoverflow 1.0)
- Winner Of AlphaQuest (Coding Competition)
- International Informatics Olympiad : Global Rank : 313
- Biteration Contest by IIIT una : Global rank - 665/1634