

Mayur Dhotre

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SUMMARY

DevOps Engineer with enthusiasm and attention to detail, experienced in AWS application deployment and management. Also skilled in Kubernetes container orchestration. Understanding of cloud infrastructure, strong problem-solving skills, and effective deployment process automation.

EDUCATION

Bachelor of Computer Engineering – BE (SPPU) Pune, Maharashtra, India
 Indira College of Engineering & Management (SGPA: 7.92) **2019 - 2023**

SKILLS

- DevOps:** Docker, Kubernetes, Git, Terraform, Jenkins, CI/CD, Maven, Tomcat, Nginx, Apache.
- AWS:** AWS VPC, IAM, EC2, Amazon S3, AWS Auto Scaling, Amazon RDS, Route53, Amazon RDS, Cloudwatch, Amazon EBS, Amazon CloudFront.
- Linux:** User and Group Management, Permission Management, Managing Processes, Partitions Management, SSH, Configuring a firewall, Scheduling Task, FTP, Archiving and compression.
- Soft Skills:** Troubleshooting, Problem Solving, Team Management, Decision Making.

WORK EXPERIENCE

Intern at Hisan Labs September 2023 - Present

- Operated on multiple Linux platforms, including Red Hat-based systems, enhancing system administration and troubleshooting skills & learned about cloud platforms like AWS.
- Gained hands-on experience with several DevOps tools such as Docker, Kubernetes, Jenkins, and Ansible, improving skills in automation, continuous integration/continuous deployment (CI/CD), and infrastructure management.

PROJECTS

Angular App Deployment | AWS | Docker May - Jun 2024 - Completed

- In this project, I created an RDS database in AWS, configuring and launching a MariaDB instance, creating the necessary databases, and applying database schemas for backend integration.
- The backend services were developed by setting up an Ubuntu server, installing Java and Maven, connecting the backend to the RDS database, building the project using Maven, and deploying the backend services.
- The frontend was built and deployed by configuring another Ubuntu instance, installing Node.js and Angular CLI, developing the Angular frontend, connecting it to the backend service, and serving the frontend application. Lastly, AWS S3 was utilized for static site hosting.
- <https://github.com/mayur4279/Angular-app-Deployment>

Hosting Wordpress with AWS & Kubernetes March 2024 - Completed

- Deployed and maintained a WordPress website using AWS services, displaying skill in cloud infrastructure management.
- Used Kubernetes for automated deployment, ensuring the application's scalability through efficient orchestration of containers.
- Demonstrated ability with AWS and Kubernetes, improving the scalability and dependability of the project.
- <https://github.com/mayur4279/Wordpress-project-with-proxy>

Deployed Dynamic Website Using Kubernetes (K8) February 2024 - Completed

- Using Docker and Kubernetes (K8s), a dynamic website was successfully launched. used Nginx as a proxy and Tomcat as the frontend to upload Docker images to Docker Hub.
- Utilized Amazon RDS for the database at the backend. Kubernetes was used to handle the deployment process in a seamless manner, guaranteeing a scalable application architecture.
- <https://github.com/mayur4279/3-tier-project-kubernetes-Updated>

Three Tier Project Using Docker December 2023 – Completed

- Successfully deployed an efficient web application using Docker, leveraging Docker images for Tomcat, Nginx, and MySQL to create a robust containerized environment.
- Developed and configured a multi-container setup, ensuring seamless integration and communication between Tomcat, Nginx, and MySQL services.
- <https://github.com/mayur4279/3-tier-project-using-docker>