JAYPAL SINGH SISODIYA
B.Tech. - Computer Science & Engineering
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BRIEF SUMMARY

Final-year computer science student with good DevOps skills and hands-on experience in AWS,. Proficient in Linux, Git, GitHub, Docker, Jenkins, Terraform, and Python. Actively learning Kubernetes, Ansible, cloud computing, and infrastructure automation, with a focus on advancing skills in automation and DevOps practices.

KEY EXPERTISE

AWS | Docker | Jenkins | GIT | Github | HTML5 | CSS | Javascript | Bootstrap | ReactJS | Linux | Terraform
Kubernetes

EDUCATION

Medi-Caps University   2021 - 2025
B.Tech. - Computer Science & Engineering | CGPA: **6.44 / 10**

Narmada Valley International school, barwaha, Khargone   2021
12th | CBSE | Percentage: **77 / 100**

Narmada Valley International School , Barwaha, Khargone   2019
10th | CBEA | Percentage: **72 / 100**

PROJECTS

CI/CD Pipeline for Kubernetes Deployment Using Jenkins   25 Nov, 2024 - 27 Nov, 2024
Mentor: self

Key Skills: Jenkins | EC2 | Docker | GitHub | Trivy | Arogocd | EKS cluster | SonarQube

Developed and deployed a CI/CD pipeline for Kubernetes on AWS using Jenkins, integrating SonarQube for code quality checks and ArgoCD for GitOps. Automated EKS cluster provisioning with eksctl and streamlined deployment workflows. Enhanced efficiency and ensured quality through end-to-end pipeline automation.

Node.js and MongoDB Application Deployed on Kubernetes with Docker   01 Oct, 2024 - 02 Oct, 2024
Mentor: self

Key Skills: Kubernetes | docker | Node.js | MongoDB | Bash

This project deploys a full-stack Node.js and MongoDB CRUD application using Docker for containerization and Kubernetes for orchestration. The application offers a REST API for managing user data, ensuring high scalability and flexibility. With Docker and Kubernetes, it achieves seamless deployment, management, and portability across environments.

Node.js CI/CD Pipeline and Code Quality Automation   30 Aug, 2024 - 02 Sep, 2024

Key Skills: Jenkins | CI/CD | tomcat | github | terraform | Bash | Docker | SonarQube

Led a DevOps project to streamline Node.js application deployment using Git for version control, Docker for containerization, and SonarQube for code quality testing. Developed an automated CI/CD pipeline, reducing manual effort and enhancing release efficiency. Improved code reliability and reduced deployment time by 40% through automation.

Terraform AWS NGINX EC2 Deployment:

Key Skills: EC2 | S3 | NodeJS | aws | Terraform | Nginx | Bash

Developed an automated infrastructure provisioning system using Terraform to deploy an AWS EC2 instance within a custom VPC. Configured security groups to allow HTTP and SSH access, and automated the installation of NGINX via user data scripts. Implemented Infrastructure as Code (IaC) principles for scalable, repeatable deployments. Ensured seamless HTTP access to NGINX from the public internet.

CO-CURRICULAR ACTIVITIES

- Online Courses and Certifications: Completed relevant online courses or certifications in areas like advanced React techniques, Node.js best practices, or MongoDB administration.

EXTRA CURRICULAR ACTIVITIES

- Playing all kind of outdoor sports like Football, Basketball, Table-Tennis.

PERSONAL INTERESTS / HOBBIES

- Photography
- Travelling
- Freelancing

WEB LINKS / IMs

- Other - www.linkedin.com/in/jaypal-singh-sisodiya-6148a5250
- Github - https://github.com/jaysingh8103

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: Rajiv Gandhi,square,near food street,indore,MP, Indore, Madhya Pradesh, India - 452007

Date of Birth: 08 Oct, 2003
Known Languages: Hindi, English
Permanent Address: vill- maukhedhi , th- daloda , Mandsaur,MP, Mandsaur, Madhya Pradesh, India - 458001
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