



JAYPAL SINGH SISODIYA

B.Tech. - Computer Science & Engineering

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BRIEF SUMMARY

Final-year computer science student with good knowledge DevOps skills and hands-on experience in AWS. Proficient in Linux, Git, GitHub, Docker, Jenkins, and Terraform, with a solid understanding of data structures and algorithms (DSA), including arrays, strings, and linked lists. Actively seeking to expand expertise in Kubernetes, Ansible, cloud computing, and infrastructure automation, with a keen interest in deepening knowledge of automation and advanced DevOps practices.

KEY EXPERTISE

HTML Bootstrap ReactJS python docker linux git github Jenkins terraform Kubernetes Ansible
AWS Javascript CSS

EDUCATION

Medi-Caps University

B.Tech. - Computer Science & Engineering | CGPA: 6.60 / 10

2021 - 2025

Narmada Valley International school, barwaha, Khargone

12th | CBSE | Percentage: 77 / 100

2021

Narmada Valley International School , Barwaha, Khargone

10th | CBEA | Percentage: 72 / 100

2019

PROJECTS

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

- Hackathons-Participated in hackathons focused on web development, where rapid prototyping and teamwork are essential.
- 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

- o Photography
- o Want to manage 3 tire websites .

IMs

- o Other - www.linkedin.com/in/jaypal-singh-sisodiya-6148a5250

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Rajiv Gandhi,square,near food street,indore,MP, Indore, Madhya Pradesh, India - 452007

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Date of Birth: 08 Oct, 2003

Known Languages: Hindi, English

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