



JAYPAL SINGH SISODIYA

B.Tech. - Computer Science & Engineering

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BRIEF SUMMARY

Final-year computer science student with strong DevOps skills, proficient in Linux, Git, GitHub, Docker, Jenkins, and Terraform, with hands-on experience in AWS. Actively seeking to expand expertise in Kubernetes, Ansible, cloud computing, and infrastructure automation. Eager to deepen knowledge in automation and advanced DevOps practices.

KEY EXPERTISE

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

EDUCATION

Medi-Caps University

2021 - 2025

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

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.

ASSESSMENTS / CERTIFICATIONS

Mastering Data Structures & Algorithms using C and C++

Key Skills: C++ DSA Vector Stack Queues Trees Graphs

This course helps in understanding Data Structure Concepts like Array, Stack, Queue, Graphs, Trees, etc. It helped in Building my Logical Building abilities and to understand the problem solving process using Different types of Algorithm and Data Structures.

CO-CURRICULAR ACTIVITIES

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

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

PERSONAL INTERESTS / HOBBIES

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

IMs

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

PERSONAL DETAILS

Gender: Male	Date of Birth: 08 Oct, 2003
Marital Status: Single	Known Languages: Hindi, English
Current Address: Rajiv Gandhi,square,near food street,indore,MP, Indore, Madhya Pradesh, India - 452007	Permanent Address: vill- maukhedhi , th- daloda , Mandsaur,MP, Mandsaur, Madhya Pradesh, India - 458001
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