

Deepak Kushwaha

DevOps/SRE Engineer

DevOps/SRE enthusiast skilled in CI/CD and cloud services. Excited to team up with like-minded professionals for shared success. Looking for rewarding role in a dynamic organization to apply for and boost my skills. contribute to team achievement and be a key player in company growth.

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EDUCATION

Bachelor of Computer Application Babu Banarasi Das University Lucknow

06/2021 - 06/2024

WORK EXPERIENCE

Web Developer Intern Softpro India Lucknow

01/2024 - 05/2024

- Led the design and development of **Tendera**, a web platform built with **Python**, **Django**, **HTML**, and **CSS**, enabling companies to **post tenders** and **approve vendors**, significantly streamlining procurement processes.
- Implemented job vacancy modules on **Tendera** to align with company requirements, facilitating more efficient job **postings** and **approvals**, which increased **vendor** engagement by 40% and improved hiring efficiency by 25%.
- Implement and sustained resilient and scalable **continuous Integration/Continuous Delivery (CI/CD) pipelines**, leveraging Jenkins for streamlied automation of **build,test** and **deployment workflows**.
- Managing **EC2** instances and also building the **CI/CD pipelines** by **lunching EC2, containerized docker** and integrated with **SonarQube** deployed on **EKS**.

AUTOMATION

Workspace

- **Continous Integration and Continous Deployment (CI/CD)**
Jenkins, Git CI/CD automate build test and deployment process.
- **Containerizations & Orchestration** : Implemented and managed **containerization** with **Docker**; **orchestrated** applications using **Kubernetes** for efficient **deployment, scaling, and management**.
- **Version Control** : Pioneered and enforced **branching** strategies within **version control** systems, **aligning** with **development** processes and reducing release delays by 25% while improving team **collaboration** by 30%
- **Scripting and Automation Languages** : **Python, Groovy scripts** to **automate** the **tasks**.
- **Monitoring** : Server **Monitoring**, Application Performance **monitoring** and **Network monitoring** using **Prometheus**.

SKILLS

Python

Django

Grafana

Docker

Kubernetes

Jenkins

SonarQube

AWS(EC2, S3, VPC, EKS)

Linux

Maven

shell scripting

Monitoring

DevSecOps

PERSONAL PROJECTS

Deploy Netflix Clone on Cloud using Jenkins (09/2023 - 11/2023)

- **Launch EC2 (Ubuntu 22.04)**: Provision an **EC2 instance** on AWS with Ubuntu 22.04.Connect to the instance using **SSH**.
- Set up **Docker** on the **EC2** instance and **build** and **run** application using **docker containers**.
- **Get the API Key**: Open a web browser and navigate to **TMDB** (The Movie Database) website.
- **Install SonarQube and Trivy**: Install **SonarQube** and **Trivy** on the **EC2** instance to **scan** for **vulnerabilities**.
- **Integrate SonarQube and Configure**: Integrate **SonarQube** with your **CI/CD pipeline**.Configure **SonarQube** to analyze code for quality and security issues.
- **Install Jenkins for Automation**: Install **Jenkins** on the **EC2** instance to automate deployment and install **Java**.