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.

✉ deepakkushwaha7523@gmail.com

📍 Lucknow, India

github.com/deepakkushwahax

📱 917523038033

in linkedin.com/in/deepak-kushwaha-6b98a3289

stackoverflow.com/users/19916104/deepak-kushwaha

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

Achievements/Tasks

- 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

Achievements/Tasks

- **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**.

- **Monitoring Install Prometheus and Grafana:** Set up **Prometheus** and **Grafana** to **monitor** your application.

Programming Language

- **Java**
- **Python and Django**
- **SQL**

Web Development technologies

- **HTML**
- **CSS**
- **Bootstrap**
- **Django**

CERTIFICATES

Docker by codedamm

Kubernetes (CKA) by udemy

INTERESTS

Morning walk Cooking