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 ApplicationBabu Banarasi Das University Lucknow

06/2021 - 06/2024

WORK EXPERIENCE

Web Developer Intern Softpro India Lucknow

01/2024 - 05/2024

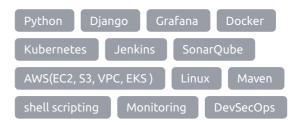
- Led the design and development of Tendera, a web platform built with Python, Django, HTML, and CSS, enabling companies to post tenders and approve vendors, significantly streamlining procurement processes.
- Implemented job vacancy modules on **Tendera** to align with company requirements, facilitating 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



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.

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