

YOGESH PATHE

DevOps Engineer

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Current Address: Chhindwara Madhya Pradesh

OBJECTIVE

Dynamic and detail-oriented Kubernetes and Docker expert, currently pursuing a Bachelor of Computer Applications (BCA) degree. With three years of combined experience as a Blockchain Developer and Kubernetes Engineer, I possess exceptional problem-solving skills and a keen eye for detail. I am eager to leverage my expertise in cloud-native technologies and DevOps practices to drive efficiency and innovation in a forward-thinking technology company. My goal is to contribute robust solutions, optimize infrastructure deployments, and enhance container orchestration systems.

SKILLS

- **Cloud Containerization & Orchestration:** Proficient in managing and deploying containerized applications using Kubernetes and Docker, ensuring high availability and scalability.
- **Continuous Integration & Deployment:** Skilled in setting up and maintaining CI/CD pipelines with tools like Jenkins, Azure DevOps, and GitHub Actions to automate software delivery processes.
- **Infrastructure as Code (IaC):** Experienced in using Terraform to automate the provisioning and management of infrastructure, including virtual machines (VMs), Azure Kubernetes Service (AKS) clusters, and load balancers, ensuring consistency and reproducibility across environments.
- **Programming Languages:** Proficient in Python and node.js for backend development and JavaScript frameworks including React.js and Next.js for front-end development.
- **Scripting & Automation:** Adept in PowerShell scripting for automating routine tasks and streamlining system administration processes.
- **Version Control:** Expertise in using Git for source code management and in utilizing GitHub and GitLab for collaborative project development and continuous integration workflows.
- **Blockchain Development:** Knowledgeable in creating and managing decentralized applications using Ethereum, Web3.js, and Ether.js, with a focus on smart contract development and deployment.

PROFESSIONAL EXPERIENCE

Devops Engineer - Kubernetes, Docker, CI-Cd Pipelines
Versai Technology

June 2023 – Present

- Lead the design and deployment of enterprise Kubernetes clusters supporting production, development, and testing environments, achieving 99.9% uptime.
- Implemented automated CI/CD pipelines using GitHub Actions, and Azure DevOps to streamline deployment processes, resulting in a 50% reduction in deployment times.
- Managed container orchestration using Kubernetes and Docker, enhancing application portability and scaling.

- Developed PowerShell scripts and Terraform modules to automate infrastructure provisioning and configuration, significantly reducing manual setup times.
- Integrated monitoring tools like Prometheus and Grafana to track performance metrics and ensure system stability.

Devops Engineer - Terraform and CI/CD Pipelines

June 2021 – June 2023

Gaura Web Technologies

- Leveraged Terraform to automate the provisioning and management of cloud infrastructure, ensuring efficient, scalable, and repeatable deployment processes.
- Designed and maintained CI/CD pipelines using Azure DevOps, facilitating continuous integration and deployment of both blockchain-based applications and traditional software solutions. This approach significantly improved deployment frequencies and reduced the chances of human error.
- Orchestrated the deployment processes for blockchain-based applications using Docker and Kubernetes, optimising them for high availability and robustness. Implemented CI/CD pipelines specifically tailored for these applications, ensuring seamless and automated updates and management.

Blockchain Developer

August 2020 – June 2021

Gaura Web Technologies

- Expertly designed and deployed secure and efficient smart contracts and decentralized applications (dApps), utilizing Ethereum, Ethers.js, and Web3.js.
- Played a pivotal role in the development, optimization, and strategic architectural decisions regarding blockchain protocols, contributing significantly to project successes.
- Provided high-level blockchain consultancy services, offering expert advice on technology implementation and identifying potential use cases to enhance business operations for a diverse clientele.
- Actively engaged in peer code reviews, ensuring the adherence to best practices and high-security standards in all blockchain developments.

PROJECTS

Kubernetes Engineer, Versai Technology

January 2024

Cryptocurrency Exchange Platform

- Managed the deployment of a cryptocurrency exchange platform using Kubernetes, ensuring high availability and scalability of the microservices architecture.
- Designed and implemented CI/CD pipelines with Maven to automate the build, test, and deployment processes, significantly reducing release times and improving deployment reliability.
- Utilized Docker for containerization of microservices, enabling consistent environments across development, testing, and production.
- Integrated SonarQube for code quality analysis and Trivy for scanning Docker images to enhance security.
- Deployed various monitoring and maintenance tools to ensure seamless and secure user transactions.

Next Earth Cryptocurrency Initiative

Feb 2022

- Developed "Next Earth," a cryptocurrency project using Ethereum technology.
- Implemented smart contracts and a DApp for enhanced transaction security and visibility.
- Created CI/CD pipelines with Azure DevOps for automated build and deployment processes.
- Deployed the application using Docker and Azure Kubernetes Service (AKS) for streamlined operations and scalability.
- Configured Ingress NGINX Controller in Kubernetes for efficient load balancing and routing.
- Scanned the code with SonarQube for code quality and security analysis.
- Scanned Docker images with Trivy to ensure image security and compliance.

EDUCATION & CERTIFICATIONS

Bachelor of Computer Applications (BCA) - Final Year

Chhindwara University

Expected Graduation: June 2024

Higher School Education

Madhya Pradesh Board of Secondary Education (MPBSE)

EXTRACURRICULAR ACTIVITIES

Hobbies: Enjoy photography, traveling, and exploring new cuisines, fostering creativity and a well-rounded perspective.

Tech Enthusiast: Attend tech meetups, hackathons, and conferences to stay updated with the latest advancements in blockchain technology and network with industry professionals.