



Abinash Mishra

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Profile

Dedicated Software Engineer with a proven track record in DevOps, CI/CD, and cloud infrastructure. Adept at collaborating on application deployments through robust CI/CD pipelines, proficient in Git repository management, and proficient in orchestrating successful migrations, notably from Docker Swarm to AKS. Skilled in containerisation tools like Docker, fluent in Shell scripting.

Professional Experience :

DEVOPS ENGINEER, INFOSYS – 2023 - PRESENT

- Contributed to the MT Ecosystem Project DevOps Team at Schlumberger, actively involved in pipeline development and maintenance.
- Adapted and optimised pipelines based on project requirements, ensuring seamless build and release processes.
- Implemented robust strategies including variable groups, task groups, and secure files in Azure DevOps pipelines, enhancing reliability and security.
- Facilitated smooth migration from Docker Swarm to AKS (Azure Kubernetes Service), ensuring minimal disruption and maximum efficiency.
- Played a pivotal role in the setup and configuration of AKS, collaborating with various Azure services such as Azure Container Registry.

DEVOPS ENGINEER, INFOSYS – 2022 - 2023

- Led the development of an Azure Spring Cloud Project for AT&T, leveraging Azure DevOps pipelines for efficient deployment.
- Spearheaded the design and implementation of project infrastructure, including meticulous cost calculation and billing considerations.
- Presented project details to clients, soliciting feedback and ensuring alignment with project objectives.

Key Achievements:

- Demonstrated expertise in Azure DevOps pipeline development, enhancing reliability and efficiency of deployment processes.
- Successfully navigated the migration from Docker Swarm to AKS, showcasing adaptability and problem-solving skills.
- Proactively engaged with clients and stakeholders, ensuring project alignment and fostering a collaborative working environment.
- Contributed to the optimisation of infrastructure and deployment strategies, resulting in improved project outcomes and client satisfaction.

SYSTEM ENGINEER, MINDTREE LIMITED – 2019 - 2022

- Collaborated on application deployment utilising CI/CD pipelines, actively creating pull requests (PR) and cloning Git repositories for branch creation, ensuring streamlined development workflows.

- Monitored and ensured completion of cloud builds within expected timelines, promptly investigating and resolving build failures to minimise downtime.
- Demonstrated proficiency in containerisation tools such as Docker and orchestration tools like Docker Swarm, optimising application deployment and management processes.
- Administered Windows server environments, conducting monthly patch upgrades, and seamlessly transitioning between Linux environments, showcasing versatility and adaptability.
- Led the implementation and decommissioning processes of various hosts/servers across different Microsoft data centres, ensuring efficient resource allocation and optimal system performance.

Education:

- Electrical and Electronics Engineering, Silicon Institute of Technology, Bhubaneswar – B.Tech [2014 - 2018]
- +2 Science (C.H.S.E Board, Odisha) [2012 - 2014]

Skills:

- **Cloud Platforms:** Azure and AWS (EC2)
- **Linux Flavours:** Amazon Linux and Ubuntu,
- **CI/CD:** Jenkins, Ansible, and Azure Pipeline
- **Source Code Control:** Git and Azure Repos
- **Containerisation:** Docker and Colima (mac) for containerisation
- **Orchestration Tool:** Docker Swarm and AKS (Azure Kubernetes Service), Helm
- **Scripting Knowledge:** Shell scripting, YAML, and PowerShell,
- **Infrastructure as Code (IAC):** Terraform
- **Monitoring Tools:** Azure Monitor, Grafana, and Prometheus
- **Scanning Tools:** Sonarqube, mend (White source Scan)

Certifications:

- Azure Fundamentals (AZ - 900)
- Azure Administrator Associate (AZ-104)
- Microsoft Certified Trainer
- Helm for Beginners (KodeKloud)

Declaration:

I do hereby declare that the above mentioned details are true to the best of my Knowledge

Abinash Mishra