OMKAR AHER

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SUMMARY

Proficient in developing, managing and refining production and development environment for microservices on AWS cloud, as well as automating AWS cloud infrastructure to promote scalability, efficiency, and reduced costs. Participated in the migration to Kubernetes PAAS 2.0 with deployment strategies and automating CI/CD pipelines.

TECHNICAL SKILLS

- **Cloud technologies:** AWS, AWS CDK
- **CI Tools:** Maven, Jenkins, SonarQube, Nexus
- **Version control system:** GitLab, GitHub
- **Infrastructure as Code (IaC):** Terraform
- **Scripting and Automation:** Shell scripting, Groovy scripting
- **Containerization:** Docker, Kubernetes
- **Deployments Tools:** PCF, PaaShub
- **Methodology:** SAFe and DevOps Methodologies
- **Programming Language:** Python, Java
- **Operating System:** Linux, Windows

CERTIFICATION

Kubernetes Foundation   *October 2024*
Oracle Certified Java Associate – SE 7 Programmer   *December 2019*

PROFESSIONAL EXPERIENCE

Infosys Limited   Navi Mumbai | Pune
Senior DevOps Engineer   *April 2022 – Present*

Led release management and deployment for a large American insurance company (LAIC), significantly reducing deployment time and improving release accuracy. My contributions ensured smoother releases and more efficient operations across multiple environments.

- Drove the end-to-end migration from PCF to PAAS 2.0 on Kubernetes, enhancing platform scalability and enabling more efficient resource management.
- Designed and implemented Terraform modules for provisioning AWS services resulting in a 30% reduction in deployment time
- Developed and currently maintaining CI/CD pipelines for multiple applications, achieving a 60% reduction in deployment time and minimizing production issue by 10%.
- Managed and organized documentation, improving office efficiency by 20%
- Implemented GitHub branching strategy that improved collaboration and code quality, resulting in a 30% reduction in merge conflicts.
- Regularly engage in daily standup meetings within the Agile framework.
- Handles rebase activities to synchronize code with upcoming releases, preventing discrepancies and ensuring smooth transition between versions.
- Handles production deployments on Kubernetes platform, ensuring high availability and stability across prod environment.

Capgemini Technology Services   Navi Mumbai | Bengaluru
DevOps Engineer   *Nov 2019 – March 2022*

- Worked on many major Change Management processes in the organization like migrations from Artifactory to NRM.
- Collaborated with development teams to implement CI/CD pipelines, resulting in a 25% reduction in deployment time and a 15% increase in deployment frequency.
- Developed scripts for build, deployment and related tasks using Jenkins, Maven, and Shell.
- Provide code quality measures using Code coverage tools, Check style report tools such as Jacoco and Sonar make sure your resume is filled to the bottom of the page.
- Build Docker Images of different tools like Git, Apache ANT, and IBM JDK which was needed to build a Pipeline Jobs in Gitlab CI/CD.

EDUCATION

RAIT (D.Y Patil), Navi Mumbai   Navi Mumbai
Bachelor of Engineering   *June 2015 –May 2019*