

Abrar Khan

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PROFESSIONAL SUMMARY

DevOps Engineer with hands-on experience in Linux and AWS, utilizing a diverse set of DevOps tools. Proven

proficiency in optimizing software development processes, automating workflows, and ensuring efficient deployment.

A dedicated professional with a focus on enhancing system scalability and reliability, committed to delivering high-quality solutions.

TECHNICAL SKILLS:

DevOps Tools : Git, Ansible, Docker, Jenkins, Kubernetes, Terraform

Cloud : AWS Cloud

INTERPERSONAL SKILLS:

- Ability to Rapidly Build Relationship and Set up Trust.
- Confident and Determined
- Ability to Cope Up With Different Situations
- Ability to work in a team
- Willingness to Learn

EXPERIENCE:

DevOps Engineer | Softzone Infotech

December-21 – Present

- Develop and implement automated systems to streamline repetitive tasks in software development, testing, and deployment processes.
- Utilize tools such as Jenkins, Ansible, Terraform to create efficient and reliable automation workflows.
- Design and manage deployment systems ensuring new features and updates are seamlessly integrated into the existing software.
- Collaborate with development teams to optimize deployment processes and reduce downtime.
- Manage cloud resources on platforms like AWS to ensure scalability, availability, and cost-efficiency.
- Optimize cloud infrastructure configurations for performance and reliability.
- Implement and manage applications using containerization technologies such as Docker.
- Orchestrate containerized applications using tools like Kubernetes for efficient deployment and scaling.
- Ensure consistent and correct system configurations using configuration management tools like Ansible.
- Version control configuration files to track changes and maintain system integrity.
- Implement monitoring solutions to detect and address issues proactively before they impact system performance.
- Participate in on-call rotations to provide timely responses to critical incidents.
- Collaborate on the implementation and maintenance of security measures for applications and infrastructure.
- Stay informed about the latest security threats and implement best practices to protect systems.
- Collaborate with development, operations, and other cross-functional teams to facilitate effective communication and co-operation.
- Participate in team meetings, discussions, and knowledge-sharing sessions.

- Investigate and resolve system issues, conducting root cause analysis and implementing preventive measures.
- Continuously optimize systems to improve performance and address potential challenges.
- Create and maintain comprehensive documentation, detailing configurations, processes, and troubleshooting steps.
- Ensure documentation is accessible and understandable for team members at all levels.
- Deployed application which is containerized using docker onto a Kubernetes cluster which is managed by amazon elastic container service for Kubernetes.
- Maintained Git repositories for DevOps environment: Version control and build automation integrating git into Jenkins.

EDUCATION:

Solapur University

M.Sc.

July 2015 – November 2017

PROJECTS:

1) Migrating Existing Applications to Microservices:

❖ Roles and Responsibilities:-

• Development and Deployment:-

- Containerization:- Dockerize each microservice to ensure consistency and portability.
- Continuous Integration/Continuous Deployment (CI/CD):- Set up CI/CD pipelines for automated building, testing, and deployment of microservices.
- Container Orchestration:- Deploy microservices on Kubernetes for scalability and manageability.
- Service Discovery and Load Balancing:- Implement service discovery mechanisms and load balancing to handle dynamic service instances.

• Testing:-

- Unit Testing.
- Integration Testing.
- Load Testing.

• Monitoring :-

• Tools and Technologies Uses:- Docker, Amazon EKS, EC2, S3, ELB, Jenkins, Helm Chart.

2) Monitoring website or application which deployed in EKS cluster:-

❖ Roles and Responsibilities.

• Deploying the E-Book Website:-

- Dockerize the Application.
- Kubernetes Deployment.
- Service Discovery:- Use Kubernetes Services for service discovery and load balancing.

• Setting up Monitoring:-

• Backup and Disaster Recovery:-

- EBS Snapshots.
- Cluster Backup.

• Tools and Technologies Uses:- Amazon EKS, CloudWatch, Docker, Helm Chart, Jenkins.

DECLARATION:

I hereby declare that the above information is true and correct to the best of my knowledge. I bear the responsibility for the correctness of the mentioned particulars.

Abrar Khan