Kartikee Khairnar

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Sex: Female Date of birth 25/03/1999 | Nationality Indian

Seeking a suitable position in the field of DevOps, AWS field where excellent analytical problem-solving skill, great interest in the concerned field, relevant knowledge and a strong work ethic can advance Personal and Organization's growth and gives me a better stability with work-life balance

EDUCATION:

Msc(2019-2021), North Maharashtra University, Percentage : 76.25%
Bsc (2016-2019), North Maharashtra University, Percentage : 69.98%

IT SKILLS:

AWS (Cloud Technology)	EC2, VPC, S3, IAM, Cloud Watch, EBS, EFS, Elastic Load Balancer, Auto Scaling, RDS
DevOps Tools	GIT, Docker, Ansible, Jenkins,Maven, Terraform, SonarQube, Nexus Cloud Watch, and Kubernetes.
Operating Systems	Windows, Linux
Linux	Cron job, Enhanced user security with Sudoprivileges, back up & restore (tar and gzip), Deploy automation

WORK EXPERIENCE:

National Securities Depository Limited   JAN 2023- present

AWS DevOps Engineer

Design the architecture with the help of seniors.
Deploying the component using infrastructure as a code using cloud formation template.
Ensuring the security of application by adding Routing tables, VPC
To create a CI-CD pipeline once my infrastructure is ready.

Project Name: FNB Solutions: Advanced Financial Services Portal for First National Bank
Project Details:

Played the role the design, architecture, and deployment of a digital banking application on Amazon Web Services (AWS) cloud infrastructure, utilizing a three-tier architecture approach and integrating DevOps practices to automate processes and enhance efficienc

Tools:-

AWS Services:- Amazon EC2, Amazon RDS for MySQL, AWS Elastic Load Balancing (ELB), AWS Elastic Block Storage(EBS),AWS Elastic File storage(EFS),AWS Autoscaling,AWS Amazon Machine Image(AMI), AWS CloudWatch ,Virtual Private Cloud(VPC),Amazon S3 ,IAM

DevOps Tools:- GitHub, Maven, Jenkins, Tomcat , Terraform, Docker, Ansible, Kubernetes, SonarQube

Web Server:- Apache Tomcat

PROJECTS:

Key Responsibilities and Achievements:

Designed and developed the frontend components of the digital banking application.

Deployed the frontend application on Apache Tomcat running on Amazon EC2 instances.

Application Tier (Backend):

Architected and implemented the backend logic of the digital banking application.

Deployed the backend application on Apache Tomcat running on Amazon EC2 instances.

Data Tier (Database):

Utilized Amazon RDS for MySQL to provision and manage the relational database instances.

Orchestrated the setup and configuration of AWS cloud infrastructure components:

Utilized Amazon EC2 for compute resources hosting Apache Tomcat instances for both frontend and backend applications.

Leveraged Amazon RDS for MySQL for managing relational database instances.

Implemented AWS Elastic Load Balancing (ELB) to distribute incoming application traffic across multiple EC2 instances, improving scalability and fault tolerance.

Utilized Amazon Route 53 for DNS routing and domain management, providing reliable and scalable DNS resolution for the application.

Implemented continuous integration (CI) and continuous deployment (CD) pipelines using:

Jenkins for automation of build, test, and deployment processes.

Integrated containerization using Docker:

Docker containers were used to package the application components for deployment.

Leveraged Kubernetes for container orchestration and management.

Implemented monitoring and logging solutions using:

AWS CloudWatch for monitoring application performance and resource utilization.

Collaborated closely with cross-functional teams:

Worked with developers, QA engineers, and operations personnel to ensure alignment with architectural principles and DevOps best practices.