Mohammad Noorain

DevOps Engineer

Experienced DevOps Engineer skilled in containerization ,Iac,Databases,CI/CD,monitoring,and automation, Proficient in designing and deploying cloud-based architectures on Kubernetes with a focus on Agile methodologies and automation

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📍 Delhi, India in linkedin.com/in/mohammad-noorain

WORK EXPERIENCE

DevOps Engineer
PitchCats

01/2024 - 12/2024

Achievements

- Created and maintained automated CI/CD pipelines for code deployment using Jenkins resulting in the elimination of 70% of manual work and increased work efficiency.
- Provisioned cloud infrastructure using Terraform and Ansible,and implemented Argocd for automated Kubernetes deployment improving deployment consistency and reducing deployment time.
- Developed Python and Bash scripts to automate password rotation and daily backups,increasing system securityand reducing the risk of data loss.
- Streamlined monitoring and logging using Prometheus,Grafana,and Cloudwatch for a healthcare client,resulting in a 40% reduction in alert response time and improve system reliability.

PERSONAL PROJECTS

FinanceMe Microservice Project

- Developed a microservice architecture for a global banking(german bank) and financial services provider transitioning from a monolithic application. Implemented APIs for account management using Spring Boot with H2 and AWS RDS, alongside automated CI/CD pipelines using Git, Jenkins, Docker, and Ansible. Infrastructure was provisioned with Terraform, monitored via Prometheus and Grafana, and integrated with Selenium for test automation. Enhanced scalability, reliability, and delivery speed while minimizing manual efforts.

Medicure Microservice Project

- Developed a microservice architecture for Medicure, a New York-based super specialty hospital, to manage doctors' and patients' data across multiple locations. Built RESTful APIs using Spring Boot with an in-memory H2 database, enabling functionalities like doctor registration, updates, and search. Automated the CI/CD pipeline with Jenkins for seamless builds, testing, and deployments, leveraging Docker for containerization and Kubernetes for container orchestration. Provisioned infrastructure using Terraform, automated configurations with Ansible, and implemented monitoring with Prometheus and Grafana. Enhanced delivery speed, scalability, and reliability while reducing manual effort and feedback time.

EDUCATION

Bachelor's of Technology
Magadh University,Bihar,India

80%

SKILLS

Web Servers (Apache,Nginx,Tomcat)

CI/CD(Jenkins,Git lab)

Containerization(Docker,Kubernetes)

IAC(Terraform and Ansible)

Scripting Languages (Python and Bash)

Monitoring (CloudWatch,Prometheus, Grafana)

AWS(EC2, VPC,S3,RDS etc)

Programming Languages- Javascript,Python

VCS tools - Githhub,Git   Linux   SDLC

DEVELOPMENT SKILLS

React.js , Node.js, Express.js, MongoDb, Css, Html,Software development life cycle,System Design,Data Modelling, TailwindCss,Postman, RestfullAPIs

SOFT SKILLS

Continuous Learning and Improvement, Problem solving, Good Communication, Adaptability,Teamwork, Time Management

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

German
Elementary Proficiency

INTERESTS

Learning German Culture   Watching Movies

Travelling