JASIM AFNAN PREDHANEKAR

DEVOPS ENGINEER

afnannjasim@gmail.com   linkedin.com/in/afnanjasim   +91 7708075870

Dedicated and results-driven DevOps professional with 2 years of hands-on experience in optimizing and streamlining IT operations. Seeking a challenging role to leverage expertise in DevOps technologies and cloud infrastructure.

EXPERIENCE

05/2022 - Present **SYSTEMS ENGINEER - INFOSYS**

- Designed and implemented Jenkins-based CI/CD pipelines, automating end-to-end CI/CD processes, reducing deployment errors.
- Writing Docker files for containerizing Microservices.
- Manage source code repository using GIT.
- Integrated Code quality tools like Sonarqube.
- Integrated security analysis tools like OWASP Dependency check.
- Configured Grafana dashboards for comprehensive monitoring, providing real-time insights into application performance and system health.
- Created webhooks for automating Jenkins jobs.
- Automated Kubernetes Deployments using Gitops & Helm.
- Leveraged Terraform for Infrastructure as Code (IaC), enabling automated provisioning and management of cloud resources, improving efficiency and reducing manual overhead.
- Supported Continuous Development for projects by managing GitLab instances, namespaces, groups, projects, branching strategies, and developer workflows, fostering collaboration and streamlining development processes.
- Implemented Centralized Log Management using the EFK (Elasticsearch, Fluentd, Kibana) stack, enabling comprehensive log aggregation, analysis, and visualization.
- Created Ansible playbooks to automate the deployment of the applications to different Prod / QA Environments.
- Created Lambda functions in python using boto3, CloudWatch to optimize cloud costs.
- Developed ETL pipelines and Python scripts to migrate data to Windchill PLM and other data manipulation activities reducing the time by 60%.

10/2021 - 05/2022 **Project Fellow - Bharathidasan University**

- Developed machine learning models in Python using Keras and TensorFlow to forecast Coupled Map Lattice (multivariate time series).
- Deployed containerized environments using Docker on NVIDIA A100 GPU workstations to accelerate execution of ML models and various simulations.

SKILLS

- **CI/CD Tools:** Jenkins, AWS DevOps, GitHub Actions, Argo CD
- **Build Tools:** Maven
- **Container Technologies:** Kubernetes, EKS, Docker
- **Source Code Management:** Git, GitHub, Gitlab
- **IAC Tools:** Terraform, Ansible
- **Scripting**: Shell, Python
- **Cloud Technologies**: AWS
- **Scripting**: Shell, Python
- **OS:** Windows, RHEL, Ubuntu
- **Code Review**: SonarQube
- **Monitoring:** Prometheus, Grafana
- **Web Technologies**: React
- **Data Technologies:** Pyspark, Pentaho, MS SQL.

EDUCATION

2019 -2021 **M.Sc. Physics - Bharathidasan University**

- Student Coordinator of Ek Bharat Shrestha Bharat (EBSB) Club, Bharathidasan University.
- Technical Incharge for Apeiron 2021 - A state level inter institutional fest organized by the Department of Physics, Bharathidasan University.
- Summer Intern at Indian Institute of Technology(IIT-Goa)

2016 -2019 **B.Sc. Physics - University of Madras**