

ERROL FERNANDES

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Innovative DevOps Engineer with a strong Linux background and experience in designing, implementing, and managing cutting-edge deployment automation of cloud resources.

SKILLS

Linux Os and Networking , Shell Scripting | **CI/CD** | **pipeline** Jenkins , Github Actions | **Containers** Docker , Docker-compose | **Container orchestration** kubernetes | **Cloud** AWS (EC2, EKS, ECR) | **Infrastructure as Code** Terraform | **Configuration Management** Ansible | **Alert Management** Prometheus , Grafana | **Programming Language** Python , JavaScript

EXPERIENCE

Freelance Web Developer:

- Built and managed ACRS Company Website using HTML, CSS, JS, Excel Web Rendering, Netlify and Github.
- Used Github to automate the deployment and build changes.
- Built and managed Complete Department website with Student, Teacher, Admin Portal.
- Integrated different Website Features like Question Bank, Marks Register, News updates.
- Built Custom Websites for individuals worth 25k INR.

PROJECTS

- **Container Orchestration of E-commerce website,**
 - > Created kubernetes cluster for micro-services app.
 - > Created cluster for a demo E-commerce app.
 - > Created using Helm chart.
- **CI/CD for Maven Application,**
 - > Built a continuous integration and continuous.
 - > Used Jenkins for the CI/CD pipeline implementation.
 - > Deployed the application image from DockerHub to AWS ec2 instance.
- **Infrastructure as a code,**
 - > Provisioned and configured AWS ec2 instance to deploy a docker image.
 - > Used Terraform to provision the AWS ec2 server.
 - > Used Ansible to configure the docker environment.

EDUCATION

Bachelor's In Computer Applications,
JSS Science And Technology University

Aug 2019 – July 2022
Mysore, India

LANGUAGES

English | Kannada | Hindi | Konkani | Urdu