PARVEZ MUSHARAF

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EDUCATION

KHAJA BANDANAWAZ UNIVERSITY **2024**
Computer science and engineering Bachelors *kalaburagi, Karnataka*
CGPA: 7.5

AL SHARAY INDP PU COLLEGE **2020**
PUC *kalaburagi, Karnataka*
Percentage: 75.6%

MAHATMA GANDHI ENG MED HIGH SCHOOL **2018**
SSLC *wadi(jn) kalaburagi, Karnataka*
Percentage: 77.8%

SKILLS

Technologies & Tools: Linux , AWS , Git , CI/CD , Terraform , Docker , Kubernetes , Jenkins , GitHub , Ansible

PROJECTS

Terraform S3 Automator: Static Website Hosting Automation GitHub/link

Technologies: Terraform , AWS (Amazon Web Services) , AWS S3 , IAM

- Developed Terraform S3 Automator to automate static website hosting on AWS S3 using Infrastructure as Code (IaC).
- Achieved 3-second deployment for static websites with full automation of the entire infrastructure.
- Automated S3 bucket provisioning, configuration, and static website hosting setup.
- Implemented features such as versioning, access control, and lifecycle management for optimized storage.
- Enabled zero-touch deployment with minimal manual intervention required.
- Created reproducible, scalable infrastructure with Terraform to streamline deployment workflows.
- Integrated AWS S3 for hosting, ensuring automated configuration of index and error documents.

Dockerized-Apache-Web-Hosting GitHub/Link

Technologies: Docker, Git, HTTP (Port 80), Linux Command Line, Apache HTTP Server

- Designed and implemented a project to containerize and host a static website using Docker and the Apache HTTP server
- Created a custom Docker image to serve static website files, ensuring portability across different environments (AWS EC2, Azure, and local machines).
- Wrote the Dockerfile for building the custom Docker image.
- Built and ran Docker containers to deploy the website.
- Configured Apache to serve the website on port 80 inside the container.
- Demonstrated practical use of Docker for web hosting, offering a scalable and easily deployable solution for static websites.

Jenkins-Web-Hosting-Automation GitHub/ Link

Technologies: Jenkins, Ubuntu Server, Git, GitHub, Apache Web Server, Shell Scripting

- Developed an automated web hosting solution using a Jenkins CI/CD pipeline.
- Integrated GitHub repository to deploy web content to a web server.
- Streamlined the process of continuous integration and continuous deployment (CI/CD).
- Ensured real-time updates to the website with an automated deployment process.
- Created a seamless workflow for hosting static websites.

Static-Webpage-Hosting GitHub/ Link

Technologies: AWS S3, AWS CloudFront, AWS CodePipeline, GitHub

- Implemented a fully automated CI/CD pipeline for deploying a static website using AWS services.

- Integrated GitHub as the source repository for version control.
- Utilized AWS S3 for static website hosting and storage.
- Configured AWS CloudFront for content delivery and optimization across multiple regions.
- Set up AWS CodePipeline for continuous integration and deployment, ensuring seamless website updates.
- Automated deployment triggers with GitHub commits for efficient and rapid updates to the website.
- Enabled optimized content distribution through CloudFront to enhance website performance.

CERTIFICATIONS

- **AWS Academy Cloud Architecture** - Amazon Web Services Training and Certification link
- **AWS Academy Cloud Foundation** - Amazon Web Services Training and Certification link