Parvez Musharaf

DevOps engineer
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GitHub | **Linkedin**

Education

KHAJA BANDA NAWAZ UNIVERSITY KALABURAGI
Computer science and engineering Bachelors november / 2020 - july 2024
CGPA: 7.5

AL SHARAY INDP PU COLLEGE, KOTANUR-D , KALABURAGI 585102
KALABURAGI,KARNATAKA
PCMB PUC JUNE 2018 - JULY 2020
Percentage: 75.6%

MAHATMA GANDHI ENG MED HIGH SCHOOL WADI (JN) CHITTAPUR TALUK
KALABURAGI DIST
Degree in SSLC MAY 2018
Percentage: 77.8%

Skills

Tools / Platforms: AWS, Docker, Kubernetes, Jenkins, Terraform, Ansible, Git, Linux, Github

Projects / Open-Source

Static-Webpage-Hosting | Link *AWS S3 , AWS Cloudfront , AWS CodePipeline , Github*

Static Website Deployment with AWS CodePipeline, S3, and CloudFront
Implemented a fully automated CI/CD pipeline for deploying a static website using AWS services. Integrated GitHub as the source repository, AWS S3 for storage, and CloudFront for content delivery. The solution leveraged AWS CodePipeline for continuous integration and deployment, ensuring seamless updates and rapid website delivery across regions. Configured CloudFront for optimized content distribution and S3 for static website hosting, with automated deployments triggered by GitHub commits.

Dockerized-Apache-Web-Hosting | Link *Docker , Git , HTTP (Port 80), Linux Command Line , Apache HTTP Server (httpd)*

Designed and implemented a project to containerize and host a static website using Docker and the Apache HTTP server (httpd). The solution involved creating a custom Docker image to serve static website files, ensuring portability across various environments such as AWS EC2, Azure, and local machines. Key tasks included writing the Dockerfile, building and running Docker containers, and configuring Apache to serve the website on port 80. The project demonstrates practical use of Docker for web hosting, offering a scalable and easily deployable solution for static websites.

Jenkins-Web-Hosting-Automation | Link *Jenkins , Ubuntu Server , git , github , Apache Web Server, Shell Scripting*

Developed an automated web hosting solution using Jenkins CI/CD pipeline to deploy web content from a GitHub repository to a web server. The project streamlines the process of continuous integration and continuous deployment, ensuring real-time updates and a seamless workflow for hosting static websites.

Terraform S3 Automator: Static Website Hosting Automation | Link *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.

Certifications

- AWS Academy cloud architecture - **Amazon Web Services Training and Certification**
- AWS Academy cloud foundation - **Amazon Web Services Training and Certification**