SURYA KUMAR

Mobile : 7094046570 | Mail : suryask4530@gmail.com | Location : Coimbatore
Linkedin : https://www.linkedin.com/in/suryakumar11/ | Portfolio : https://suryaskportfolio.netlify.app/

CAREER OBJECTIVE

To secure a challenging DevOps Engineer role in a dynamic and innovative organization where I can utilize my technical skills and knowledge to contribute to the continuous delivery and improvement of software applications, while expanding my experience in cloud computing and automation.

EXPERIENCE

Cloud Associate Intern | Easy Deploy

Gained knowledge about AWS services like **CodeDeploy, Lambda, ECR, ECS, API Gateway, RDS, RDS Proxy**, and **DevOps tools**. During the internship training, I developed several projects including:

- **Automated ECS Task Scheduling with AWS Lambda**:
    - Developed a solution to automate **ECS** task scheduling using AWS **Lambda**.
    - Implemented Lambda functions to start and stop ECS tasks based on defined schedules, optimizing resource usage and cost management.
- **CI/CD Pipeline for ReactJS Application Using GitHub Actions:**
    - Built a **CI/CD** pipeline for a ReactJS application using **GitHub Actions**.
    - Automated testing, building, and deployment processes to ensure rapid and reliable delivery of updates.

Worked on various pipeline projects and tasks to streamline development and deployment processes.

TRAINING AND COURSES

Cloud Computing Training

- Successfully completed an intensive cloud computing program with a specialized focus on **DevOps**, **AWS**, and **Linux** principles.

DevOps

- Completed a DevOps training and course, gaining practical knowledge in DevOps tools and practices.
- Tools and Technologies:
    - **Jenkins, Docker, Kubernetes, Ansible, Terraform, Git, GitHub, Maven, Minikube, Shell Scripting.**

AWS

- Completed an AWS training and course, gaining practical knowledge in AWS services including:
- **EC2, S3, VPC, IAM, Route 53, ELB, EBS, KMS, AMI, Auto Scaling, CloudWatch, RDS, RDS Proxy, and Lambda.**

Linux

- Completed a Linux training and course, gaining practical knowledge in Linux system administration and management.
- Tools and Technologies:
    - **Linux (Red Hat, Ubuntu), LVM, RPM, YUM, Shell Scripting, User & Group Administration.**

CERTIFICATES

- Certified on **DevOps** from **Besant Technologies,** Banglore.
- Certified on **AWS** from **Besant Technologies,** Banglore.
- Certified on **Linux** from **Besant Technologies,** Banglore.
- Internship Program in **Web Development** With Raspberry pi at **COITOR IT TECH**,Coimbatore.

PROJECTS

Automated Web Application Deployment on Tomcat Server using Jenkins.

- Implemented an **automated deployment** process for a web application on a Tomcat server using Jenkins and the Deploy Plugin.
- Configured Jenkins job to build and package the application as a WAR file and set up post-build action to deploy the WAR file to the Tomcat server.
- Reduced deployment time from **2 hours to 15 minutes**, and implemented a consistent and error-free deployment process.
- Gained expertise in **Jenkins, Tomcat**, Deploy Plugin, and web application deployment process.

Weapon Detection for smart surveillance system

- Smart surveillance system employing image recognition technology to detect weapons in captured footage, issuing alerts when weapons are identified alongside individuals.
- Implement real-time object detection using **Cv2** and **numpy** with **PyQt5.uic** for GUI integration.

Audio Book using python

- Python-based solution to convert documents in various formats such as PDFs into audio books, enabling text-to-speech functionality for reading aloud.
- Implemented using **PyPDF2** for PDF file handling, **pyttsx3** for text-to-speech conversion, and the **TextBlob library** for natural language processing tasks.

ACADEMICS

- Graduated from Dr.N.G.P Arts And Science College in **Bsc-Computer Technology 2023.**
- Completed Higher Secondary from Prema Matric Hr.Sec School in **SSLC** and **HSC 2020**.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and I take full responsibility for the veracity of the same.

Place : Coimbatore   **SURYA KUMAR**