Mahesh Kumar

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🪪 Profile

Recent Devops trainee with a strong foundation in Linux , Docker, Github and Jenkins. Eager to apply skills and knowledge in a dynamic environment and continue learning.
Proficient In:
- Linux System adminstration and scripting
- Deploying and managing applications on AWS
- Implementation CI/CD pipelines using Jenkins
- Containerizing applications using Docker

🎓 Education

Masters Of Computer Applications   2022 — 2024
Bonam Venkata Chalamayya Institute Of Technology & Science   Batlapalem
CGPA - 7.5

Bachelor of Science   2019 — 2022
Sri Venkateswara Technology of Arts & Science   Amalapuram, India
CGPA - 6.8

Intermediate   2017 — 2019
Aditya Junior College   Amalapuram, India
CGPA - 5.9

Secondary Education   2016 — 2017
Z.P.H School   Allavaram
CGPA - 8.8

🎗 Certificates

Python Certified By Hackerrank   **SQL Certified By Hackerrank**

🧠 Skills

Programming Language : Python

Devops : GIT, Docker, Ansible, Jenkins.

Operating Systems : Linux, Windows

Cloud : AWS cloud.VPC,EC2,ELB,S3,ASG,Elastic Beanstalk.

Database : SQL

📁 Projects

Disease Prediction System Using Symptoms using python   01/2024 — 04/2024
- **Cleaned and preprocessed a dataset** containing 132 symptoms and 42 diseases by removing duplicates and handling missing values to ensure data integrity.
- **Trained a Random Forest model** using the cleaned dataset, where the target variable was the disease, and serialized the trained model using **Joblib** for easy deployment.
- **Developed a user-friendly web interface** with **Streamlit** to allow users to input symptoms and receive disease predictions along with detailed descriptions.
- **Deployed the model as a web application**, providing an interactive platform that enables quick and reliable disease prediction based on user-provided symptoms.

💼 Interships

DevOps Intern   09/2024 — present
Sayukth Technologies Pvt ltd [Cognitive Command Center (C3) Team]

- **Monitored and Analyzed Server Logs** to identify and troubleshoot system issues, ensuring operational continuity and minimizing downtime. Utilized **Grafana** to track and visualize server performance metrics, proactively identifying potential issues to improve system reliability.
- **Deployed and Managed Builds** within the CI/CD pipeline, enhancing software release cycles by automating builds and deployments, and contributing to more efficient and streamlined development workflows.
- **Collaborated with Cross-Functional Teams** to ensure optimal server health and infrastructure performance, supporting overall system stability. Reported task progress and attendance via **Ellitical**, the internal dashboard, to track and manage team productivity.

🌐 Languages

English   Telugu

🎸 Interests

Chess
Improve critical thinking and strategic thinking skills.

Cricket
Cricket Player with experience in strategic planning and execution.