T SHRI HARI

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PROFESSIONAL SUMMARY

I am a recent graduate with a B.E. in Computer Science, I'm excited to apply my expertise in Java, AWS, Linux (RHEL 9), Jenkins, and CI tools like SonarQube and Sonatype OSS Nexus to the DevOps domain. With a passion for continuous learning. With a knack for staying calm under pressure, I excel at delivering timely and impactful outcomes. My aspiration is to contribute meaningfully to collaborative teams, leveraging my expertise to drive innovation and success.

EDUCATION

PANIMALAR ENGINEERING COLLEGE   Chennai, India
  B.E. Computer Science and Engineering GPA – 8.78   2020 – 2024

MAHARISHI VIDYA MANDIR   Chennai, India
  12th percentage – 78.4%   2020

MAHARISHI VIDYA MANDIR   Chennai, India
  10th percentage – 69%   2018

INTERNSHIPS

The IT Man   Chennai, India

Cloud Intern   Oct2022 – Jan 2023

- Gained hands-on experience with AWS services through the AWS management console.
- Learnt about some core AWS services like EC2, VPC, S3, IAM.
- Applied security best practices through the implementation of well-defined EC2 instances and security groups.

SKILLS

Programming Languages: Java.
Cloud Providers: AWS.
IDEs: Zoho Creator, Visual Studio Code, IntelliJ.
Operating System: Windows, Linux (RHEL 9).
Database: Oracle.
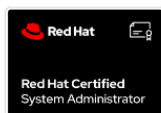**Version Control:** Git,Github.
CI/CD tool: Jenkins, SonarQube, Nexus OSS sonatype
Build Automation tool: Maven.
VM management tool: Vagrant.
Configuration management tool: Ansible.

BADGES

CERTIFICATION

1. **AWS CLOUD QUEST: CLOUD PRACTITIONER -** bit.ly/shri-aws-quest
2. **ZOHO CREATOR TRAINING COMPLETION CERTIFICATE**
3. **AWS CERTIFIED CLOUD PRACTITIONER-** bit.ly/shri-aws-practitioner
4. **REDHAT CERTIFIED SYSTEM ADMINISTRATOR(RHCSA) -** https://bit.ly/461smze

COURSES

1. JAVA DATA STRUCTURES AND ALGORITHM +LEETCODE EXCERCISES BY UDEMY
2. REDHAT LINUX TRAINING (RHCSA) ADVANTAGE PRO
3. AWS CLOUD QUEST PRACTITIONER BY AWS ACADEMY

ACTIVITIES

VIRTUAL REALITY WORKSHOP IN ANNA UNIVERSITY   Chennai, India
VR workshop at Anna University   June 2023
- The workshop teaches about VR and all the fundamentals and tools of VR.

PYTHON WORKSHOP IN IIT MADRAS   Chennai, India
Shaastra at IIT Madras 26th Jan – 29th Jan 2023
- 3 days' workshop on python which was conducted by IIT Madras on the event called Shaastra.
- The event introduced us to python and teaches us to all the fundamentals of python.

PARTICIPATED IN KAAVACH   Chennai, India
Team Leader   November 2023
- Participated in Cyber Security hackathon conducted by the Government of India on the problem statement "Citizen safety app".

PROJECTS

SMART IRRIGATION USING IOT FOR PRECISION AGRICULTURE   May 2024
- Spearheaded the design and implementation of a precision agriculture IoT system, contributing to a 60% increase in operational efficiency and a 80% reduction in overall cultivation costs.
- Automated and optimized agricultural processes, resulting in a 70% decrease in farmer intervention and a substantial reduction in water wastage.
- Orchestrated the seamless operation of project sensors through the IoT Remote application, achieving a 40% improvement in system reliability.
- We have created a customized dashboard with the mobile application from which the farmers can continuously monitor their crops by enabling all the resources from the mobile application whenever needed.

CI Pipeline Implementation   June 2024
- **Technologies**: Jenkins, SonarQube, Maven, Sonatype Nexus OSS, AWS (EC2, Security Groups)
- Developed and implemented a Continuous Integration (CI) pipeline using Jenkins to automate the build, test, and code analysis processes, reducing manual intervention by 80%.
- Integrated SonarQube into the pipeline to perform static code analysis and ensure code quality, setting up quality gates and webhooks for automated feedback which resulted in 30% reduction in code defects.
- Utilized Maven for managing project dependencies and build automation.
- Configured Sonatype Nexus OSS as the artifact repository for managing and storing build artifacts.
- Deployed and managed the application on AWS EC2 instances, including setting up and configuring security groups for secure access.

PROFESSIONAL PROFILE

LINKEDIN   **:** https://www.linkedin.com/in/shri-hari-37b652219/

GITHUB   **:** https://github.com/ShriHari1307/ShriHari1307

BLOG   **:** https://shrihari13.hashnode.dev/