Sandeep M N

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OBJECTIVE

Looking for a challenging and rewarding career in which I can put my maximum effort and Dedicate myself for the growth of the company by utilizing my knowledge and skills in the Respective field.

EDUCATIONAL DETAILS

- **Diploma [ECE]** from DACG Govt Polytechnic Chikmagalur, in 2019 with an aggregate of 79%.
- **X std** from Govt junior high school,Belur in 2016 with an aggregate of 82.4%.

ACADEMIC PROJECT COMPLETED

WATER LEVEL CONTROLLER USING PLC KIT :

Synopsis: This project proposed the concept of monitor the overflowing of water level using sensors. water level is maintained by using two water level float sensors positioned to sense maximum and minimum water levels of tank. When the water overflows or rises above the threshold, the solenoid valve gets on and passes the water through the pump. PLC indicates the DC pump is on. The advantages of a water level control systems are avoiding shocks that are introduced in the network when the pump is started, the possibility of using a motor of a different power than the maximum one for a longer interval without frequently turning offs or short functioning.

Responsibility: Designing, Coding and Testing

PERSONAL SKILLS

- Willingness to learn new skills and Quick learner

- Ability to work as an individual as well as in group

- Coordinate with members for network upgrades, changes & troubleshooting.

- Self-motivated and innovative

CERTIFICATION

- I have successfully completed the **DevOps** course from Besant Technologies
- I have successfully completed the **Git** and **Github** online course by Udemy

PROFESSIONAL SUMMARY

- CC TV and Surveillance servicing
- Security Alarms installation and servicing
- Hands-on Experience on Networking through LAN and Optic fiber
- Installation of OS (windows 10 and windows 8)
- Biomatric installation And Security alarm
- Wireless networking through antenna
- Knowledge on Switching and Routing

AWS AND DEVOPS KNOWLEDGE :

- Overview of Virtualization, Cloud Computing
- AWS services EC2, VPC, Security Group, Subnet, Elastic Container Registry ,Route53
- Ec2 instance Backup , Restore process and User management using IAM
- Simple Notification Services and Simple Storage Service S3 and its type

GIT :

- Difference between versioning control tools and GIT installation
- Getting and creating projects: initialize a directory as Git repository and copy a Git repository
- Adding file contents to staging area
- View status of your files in the working directory and the staging area
- Branching and merging strategies
- Sharing and updating projects

JENKINS :

- Fresh instance of Jenkins installation and configuration
- How to create a job , Pluggins installation and configurations
- Different types of Jenkins jobs configuration such as Freestyle/Maven/ Pipeline/ Multibranch Pipeline
- How to integrate different build and release tools like Ant, Maven, GIT, SVN, Tomcat etc.
- Devise a strategy for the candidate's organization build and release process
- Docker and Kubernetes deployments using CI/CD

DOCKER :

- Docker platform overview and terminologies
  [DockerEngine, DockerHost, DockerImages, DockerContainer, DockerRegistry, DockerRepositories]
- Containers vs virtual machine
- Building customized Images in different ways
- Docker Volumes(storage) and Basic Container Networking
- Configure Applications and accessing Applications on containers

KUBERNETES (Orchestration tool) :

- Kubernetes Architecture, Docker swarm
- Different types of installation such as Kops, kubeadm, minikube, eks
- Creation of different kinds in Kubernetes such as deployment, pod, service, namespace in CLI and manifest files
- Kubernetes Load balancer, Auto scaling, Network and Storage types

PROFESSIONAL EXPERIENCE

Currently working as Network Engineer with 2 Year of experience in Chipscape security systems, chikmagalur

PERSONAL DETAILS

Father's Name	:	Ningaraju
Nationality	:	Indian
Marital Status	:	Single
Date of Birth	:	01-08-2000
Hobbies	:	Sports, Reading books, internet surfing
Languages Known	:	Kannada, English and Hindi

DECLARATION

I do here by declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

Date :03/06/2021

Place : Hassan   **SANDEEP M N**