**N KRISHNA REDDY**

***PERSONAL PROFILE:***

Email : nkrishnareddy573@gmail.com

Date of birth: 22-jun-2001

Address : Kowkoor Hyderabad, 500010

***ACADEMIC ACHIEVEMENTS:***

B. TECH in the stream of computer science Engineering from Miracle Educational Society Group of Institutions Affiliated to JNTUK, during the academic year of 2019-2023, with an overall 7.5 CGPA.

Cleared successfully 10+2 from Board of Intermediate Education examination in the year 2017-2019, with an overall score-70%

Worked hard to get through my matriculation from the Secondary School Certificate examination in the year2017, with an overall score-75%

***PROFESSIONAL PROFILE:***

* Have certified in RESPONSIVE WEB DESIGN BY FREECODECAMP. ORG
* Have completed the summer AP CLOUD internship in MIRACLE SOFTWARE SYSTEM(MSS) on BAASIC UNIX COMMAND, HTML, CSS, JAVA, JAVA-SCRIPT
* Have done interdependent mini project using INDIVIDUAL PROJECT [RESPONSIVE WEB DESIGN] using (SURVEY FORM, PRODUCT LANDING PAGE, PERSONAL PORTFOLIO WEBPAGE) in my 4th and 6th semester.
* completed AWS devops training in kelly technologies Hyderabad

***TECHNICAL SKILLS:***

* *Languages : C, C++, Java, python.*
* *Web Technologies : HTML, CSS, JavaScript.*
* *Database : SQL.*
* *Development Tools : Visual Studio.*
* *Operating Systems : Windows, Linux.*
* *Shell scripting : Python Bash*
* *Devops Tools : Docker,Kubernetes,Git,Terraform(Ias),Jenkins*

**PROJECTS:**

**1.RESPONSIVE WEB DESIGNS**

* Survey form
* Product landing page
* Personal portfolio webpage

**2. STARTUP SUCCESS RATE PREDICTION**

TEAM PROJECT (MACHINE LEARNING)

* To predict the success rate of startups using machine learning alalgorithm with the help of previous records of failure and sucess business in the market by taking some values for accurate prediction.

**TECHNOLOGIES USES:**

* Using technologies like STREMLIT, PYTHON, ANACONDA NAVIGATOR, JUPYTER NOTEBOOK

**3.DEVOPS PRACTISES**

**Django-to-do application CD with jenkins and docker**

* Designed and implemented a fully automated CI/CD pipeline using Jenkins, Git, and Docker.
* Reduced deployment times from hours to minutes, improving overall software delivery efficiency of django application.

**Kubernetes cluster with minikube from scratch and deployed react js note app**

* Build Kubernetes cluster on AWS from scratch with minikube.
* Setup and managed docker containers for Django and React applications into kubernetes pods.
* Managed Deployment, Replication, Autoheaing, Auto-scaling for kubernetes cluster.

**Nginx web server to proxy an web application**

* Dockerized a sample django web application, enabling easy portability and scalability.
* Technologies Used: Docker, Dockerfile,Dockercompose, Kubernetes.
* Outcome:Improved application deployment and management efficiency.

**INTERNSHIP:**

* *MIRACLE SOFTWARE SYSTEM(MSS) ON BASIC UNIX COMMAND, JAVA, HTML, CSS, JAVA-SCRIPT*

**DECLARATION:**

*I hereby declare that the information given here is correct to my knowledge and I will be responsible for any discrepancy*.

NAKKA KRISHNA REDDY

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