Venkatesh Sandupatla
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CAREER OBJECTIVE

To work in a challenging environment, where I can utilise my skills and knowledge to the best of my ability and contribute for the growth of organization.

EDUCATION

Course	Institute	Year of Passing	CGPA/Percentage
BTECH	JNTU-HYDERABAD	2022	7.02/10
INTERMEDIATE	NARAYANA JUNIOR COLLEGE	2018	963/1000
SSC	TETRAHEDRON MODEL SCHOOL	2016	9.7/10

TRAINING

- **LINUX WORLD INFORMATICS PRIVATE LIMITED** *12-09-2020 - 01-07-2021*
  MLOPS TRAINEE (Training & Internship)

TECHNICAL SKILLS

- Data Science:- Machine learning, Supervised & Unsupervised learning,Numpy, Pandas, DeepLearning,Keras,NeuralNetworks,Opencv, CNN,RNN
- DevOps:- Jenkins, Docker, Kubernetes, Ansible, Terraform, Shell scripting
- Cloud:- AWS, GCP
- Languages:- C, C ++ ,PYTHON, HTML, DSA
- Mobile Development:- Flutter (Basics)
- Bigdata:- Hadoop
- Operating systems:- Linux, Windows
- SCM:- Github
- Databases:- MongoDB (Basics)
- IDE:- VS code, Jupyter notebook

PROJECTS

- **1.MLOPS PROJECT:- BRAIN STROKE PREDECTION APPLICATION**

  Developed a web application by integrating 93% accuracy Machine Learning model with Flask and Devops tools which predicts whether a person might affect with Brain Stroke or not.
  Automated entire Operations by Jenkins pipeline which build and deploy the app within 3 minutes on the top of Kubernetes.

  ML Skills used:- Data visualization, Data preprocessing-Datacleaning,One hot encoding,outlier removal, Balancing dataset, Building model-Supervised Machine Learning classifcation algorithms, Kaggle for Data set, Jupyter Notebook, Python.
  Flask and HTML for Web development.
  After building model, I have Deployed into Real world using DevOps Tools.
  DevOps skills used :- GITHUB, JENKINS, DOCKER, SHELL SCRIPTING, AWS, KUBERNETES(EKS)

- **2. SURVIVAL PREDICTION OF TITANIC PASSENGERS.**

  Developed a Machine Learning model of supervised Learning classifcation algorithms which predicts the survival of passengers in Titanic.Used seaborn library for Data visualization , lasso for feature selection and one hot encoding for label encoding , supervised classifcation algorithms for building the model.

- **3.PERSONAL VOICE ASSISTANT - Python**

  Build a personal voice assistant which is capable to search in Google , YouTube, Wikipedia.
  It updates us with the latest news and even sends emails.
  Capable for accessing system Application's.

- **4.CHAT SERVER USING SOCKET PROGRAMMING - PYTHON**

  Developed chat server using socket programming and multi threading concepts by which two systems can chat eachother.

- **5.Elasticity for Hadoop Datanode storage by LVM**

  Integrated LWM with Hadoop and provided elasticity to Hadoop Datanode storage which results in increase of Datanode storage on-fy.

- **6. Automation using Ansible**

  Decreased hours of time by ansible playbooks which will confgure Hadoop cluster , Docker , Apache webserver.

CERTIFICATIONS

- 30 days of Google Cloud Program by Google
- AI on Aws
- Red hat Ansible

ACHIEVEMENTS

- Grabbed Goodies from Google, for Google cloud.
- Worked as a Technical Volunteer/Mentor to help my fellowmates.
- Technical Member in Developer Students club JNTUH

PERSONAL STRENGTHS

Passionate about new Technologies
Technical blogger

PERSONAL PROFILE

Date of Birth	: 22/11/2000
Marital Status	: Single
Nationality	: Indian

- Known Languages : Telugu, Hindi, English

DECLARATION

I hereby declare above provided information is true and clear .