P SALMA FIRDOSE

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CAREER OBJECTIVE

As a fresher, looking for a career in an organization to leverage my professional and interpersonal skills. The goal is to pursue a career path that utilizes my knowledge and abilities to make a positive impact, while also fostering personal and professional development.

EDUCATION

Madanapalle Institute of Technology & Science Madanapalle, India 2020 - 2024
Bachelor of Technology - Computer Science and Engineering, **CGPA: 9.21**
Narayana Junior College, Hindupur. 2018 - 2020
Board of Intermediate Education, Andhra Pradesh, **CGPA: 9.67**
L. R. G. Vidyalayam, Hindupur. 2017 - 2018
Board of Secondary Education, Andhra Pradesh, **CGPA: 9.5**

SKILLS

Languages : Python, HTML, CSS, SQL
Framework : Bootstrap
Platforms : Windows, VS Code, Ubuntu, Jupyter Notebook
Soft Skills : Collaborative, Adaptive, Committed

INTERNSHIP

- Completed an internship on the domain of Machine Learning from Pantech Solutions. As part of this internship, developed a model of Customer Segmentation using Machine Learning.

PROJECTS

Human Activity Recognition using Deep Learning

- Developed a hybrid deep learning model for real-time activity recognition using a combination of VGG16 and LSTM on an image-based dataset.
- **Key Contribution:**
  - Designed and implemented a deep learning model that combines the strengths of convolutional neural networks (VGG16) for spatial feature extraction and temporal sequence prediction.
  - Preprocessed and augmented the dataset to improve model performance and robustness.
  - Achieved significant accuracy in recognizing various activities, demonstrating the model's potential for real-time applications.
  - Conducted testing and validation to ensure the model's efficiency.
- **Technologies used: Python, Keras, TensorFlow, VGG16 architecture, LSTM Network**

Customer Segmentation using Machine Learning

- Developed a customer segmentation model to identify distinct groups of customers based on their purchasing behavior. The project aimed to personalize marketing strategies and improve customer targeting efforts.
- **Technologies used: Python, Pandas, Scikit-learn, Matplotlib, Seaborn.**

CERTIFICATIONS

- Google Data Analytics from Coursera.
- Programming with Python, Internshala.
- SQL and Python Certifications, Hackerrank.