



Name: Vismitha S L

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Career Objective:

To obtain employment that will help me to develop my skills as an IT professional, utilize my current knowledge in instructions and information services and give my best service to the company concerned.

Software proficiency:

Language : Python , SQL,HTML,CSS,JS,
Tools : SQL Plus , MATLAB, Microcontrollers
Operating System : Windows 10 & 11
Framework : Django
Application packages : MS-Office, IDLE python and PyCharm

Area of Interests:

Information Theory and Coding , Digital System and Designs

Projects:

1. Automatic Bus Ticketing System using RFID

Technologies: RFID, Arduino uno, python

Objectives:

- To develop an automatic fare collection system in buses using RFID.
- To calculate the balance using destination cards.
- It eradicates the human oriented ticketing system.

Description:

- By looking over to the present ticketing system in public transport system, it is very complicated with respect to time and money.
- Our project reduces time consumption and requires less man power and also solves problem of ticketing system.

2. Drought Forecasting Using IOT & Machine Learning with Satellite Images

Technologies: Arduino Uno , Python , Machine Learning , Internet of Things

Objective:

- Develop an IoT-based system for real-time monitoring of land drought conditions.
- Implement Convolutional Neural Networks (CNNs) for accurate aerial vegetation analysis.

Description:

- Implementation of an innovative IoT-based system for drought forecasting, specifically targeting land drought assessment.
- It offers a scalable solution to address the pressing challenges posed by drought, enhancing resilience in Agriculture and Environmental Management.

Python:

- Knowledge on python fundamentals
- Good Knowledge on Data structure like List, Tuple, sets and Dictionary's.
- Good knowledge in file handling
- Good knowledge on conditions, data types, OOPS and the advanced concepts.

SQL:

- Having knowledge on data types and constraints.
- Good Knowledge on SQL statements.
- Good knowledge on Sub-query.
- Good knowledge on Keys and Normalization.

HTML, CSS and JS:

- Good knowledge on HTML tags.
- Good knowledge on Attributes, Tables, Forms.
- Good knowledge on Selectors, Box model, Animations.
- Good knowledge on Functions, Hoisting.

Django:

- Good knowledge on Django template language.
- Good Knowledge on Model inheritance.
- I know the creation of Model form and HTML form.
- Good Knowledge on operators.
- I have basic Knowledge on Django

Certifications:

- Completion of Python, Oracle SQL and Web Technology in PySpiders.
- The Complete PYTHON Bootcamp by Udemy.

Internship:

Company Name : BHEL

Duration : 1 month

Title : Familiarization of assembly & testing of DCS & Traction Control Panel

Educational Qualification:

Course	Name of Institution	Year of Passing	University/Board	Score
B.E – Electronics and Telecommunication	Dr. Ambedkar Institute of Technology	2024	VTU, Belgaum	8.71
PUC	SPSM Science PU College	2020	Karnataka Board	90%
SSLC	Cordial High School	2018	Karnataka Board	97.92%

Personal Details:

Date of Birth : 21-02-2002

Hobbies : Cooking, Listening Music, Dancing

Language : English and Kannada

Address : Bengaluru

Date:

Place: Bengaluru

(Vismitha S.L)

