## T K THARUN

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#### PROFESSIONAL SUMMARY

Aspiring Software Developer and B.E. graduate from VTU with a strong foundation in full-stack web development using Django, MySQL, HTML, CSS, and Bootstrap. Passionate about building innovative, real-world solutions and eager to contribute to scalable web applications in collaborative, fast-paced environments.

#### **SKILLS**

• **Programming Languages:** Python.

• Web Technologies: HTML, CSS, Bootstrap

Frameworks: Django
Databases: MySQL, SQL
Version Control: Git, GitHub

### **EDUCATION**

City Engineering College, Bangalore	B.E-CSE	CGPA: 8.91/10	2021-25
Morarji Desai Residential College, Tumkur	PUC – PCMC	Percentage: 90%	2019-21
Morarji Desai Residential School, Tumkur	SSLC	Percentage: 83	2018-19

### **COURSE-WORK**

- **Technical Subjects:** OOPS, Data Structure and Algorithms, DBMS, AIML, IoT, Cloud Computing, Big Data Analytics.
- Core Subjects: OS, Computer Networks, Automata Theory, Embedded Systems, Software Engineering.

### **PROJECTS**

## **Kidney Disease Classification Using Deep Learning**

Jan - May 2025

- To develop a web-based system that classifies and predicts types of kidney disease (Cyst, Tumor, Normal, Stone) using medical imaging and deep learning.
- Python, Flask, Tensor Flow (Keras), CNN, SQLite, HTML, CSS, Google Drive (for model hosting), Git, Render Cloud.

## Eco Bloom - Smart Online Plant Selling Platform

May - July 2024

- Built a responsive e-commerce web app using **Django**, **HTML/CSS**, and **Bootstrap** with **SQLite** for database management.
- Implemented features like **category-based browsing**, **search**, **cart**, and **admin panel** for order and inventory control.

## **Advanced Energy Consumption Forecasting**

Aug - Nov 2024

- Developed & designed a predicting model using data science and machine learning algorithms.
- Our project is aimed at using the previous dataset which includes the hourly energy consumption of American suburb.

### **My-Portfolio**

• My portfolio website showcases my skills, projects, and certifications in web development and programming. It highlights my expertise in **HTML**, **CSS**, JavaScript, **Python**, **SQL**, and **Django** with real-world projects and achievements.

### **INTERNSHIPS**

## **IPEC Solutions Pvt. Ltd**

Sept - Nov 2022(view)

• Worked on the project titled "Factors contributed to the tragedy of Titanic Ship" using python and data analytics.

## COLT ASSIST in association with Ultinity Technologies Pvt. Ltd

Oct - *Nov 2023(view)* 

• Worked on the project titled "Examination of the factors that contribute to a Restaurant success based on the Zomato Data" using python and data analytics.

# **ACHIEVEMENTS**

- Symposium-SPARDHA-24 co-member.
- Certificate of Life Skills (Jeevan Kaushal) under Wadhwani Foundation.
- Participated in the Technical Quiz organized by the College.
- Certificate on Online Job Training (OJT) conducted by Wish 2 Skill.

# **CERTIFICATIONS**

- Mind-luster certifications on HTML, CSS, JAVA SCRIPT.
- Solo-learn certificate on MySQL.
- Infosys certificate on Basics of <u>Python</u>.
- Certificate for completion of the "Campus Recruitment Program" by Seventh Sense Solutions.
- IBM certificate on the participation in "Cognitive Customer Insights with Watson AI."
- Certificate for AI Machine Learning Engineer training by <u>ROOMAN</u> Technologies.