KOMATI REDDY DURGESHWAR REDDY

Vasavi College of Engineering, Osmania University

📞 6303611293 ✉ kdurgeshwarreddy@gmail.com 🔗 /komati reddy durgeshwar reddy/

Profile

I am an enthusiastic student dedicated to contributing to the team's success. With a strong work ethic and attention to detail, I aim to excel in projects and utilize my organizational skills effectively. I am motivated to learn, grow, and achieve excellence in all my endeavors, continuously expanding my knowledge and skills.

Education

B.E in Electronics and Communication   **Dec. 2020 – June 2024**
Vasavi College of Engineering, Osmania University , Hyderabad   *Cgpa: 8.58*

Senior Secondary   **June. 2018 – March 2020**
Excellencia junior college, Hyderabad   *Percentage: 98%*

Matriculation   **June. 2006 – March 2018**
Bhavan's Sri Rama Krishna Vidyalaya, Hyderabad   *Percentage: 80%*

Projects

ShopNex: Crafting Ecommerce with MERN Magic   **Nov 2023**
- Developed and maintained the MERN backend for ShopNex, a scalable e-commerce platform.
- Ensured smooth communication between the front and back ends, optimizing user experience through RESTful API practices.

Deep Learning-Powered Web Application for Precise Wound Localization   **Apr 2024**
- Implemented deep learning models (YOLOv3, SSD, YOLOv5) in a web application to automate the localization and classification of diabetic foot ulcers, pressure ulcers, and venous ulcers.
- Developed and annotated a comprehensive dataset to train the models, achieving high accuracy and reliability in clinical wound detection and assessment.

CitySky: Weather Forecast App   **Sept 2023**
- Developed an online weather forecasting website using React.js and integrated the OpenWeatherAPI.
- Designed the website to deliver accurate weather forecasts for cities worldwide.

Pizza Sales Analysis Dashboard   **Nov 2022**
- Developed an interactive dashboard using Power BI to analyze pizza sales data, including order details, pizza characteristics, and sales metrics.
- Analyzed sales trends and extracted key metrics (revenue, order value, category performance) using SQL, identifying top and bottom-selling pizzas.

Biometric Attendance System using Raspberry Pi   **Mar 2023**
- Engineered a Biometric Attendance System using Raspberry Pi, managing registered users in a SQL Lite 3 database for efficient data storage and retrieval.

Technical Skills

- Problem Solving through C, C++
- Data Structures and Algorithms
- React
- Database Management Systems through SQL
- Node.js and Express
- Object-Oriented Programming through C++

Certifications

Developing Back-End Apps with Node.js and Express on Coursera.

Developing Front-End Apps with React on Coursera.

CCNAv7: Introduction to Networks.

Extracurricular Activities

Volunteered for a street cause organization, actively contributing to community initiatives.