

EDUCATION

Vasavi College of Engineering <i>B.E. , Computer Science(AI-ML) (8.07 CGPA)</i>	Hyderabad 2020 - 2024
Toppers Junior College <i>PCM (953/1000)</i>	Hyderabad 2017 - 2019

SKILLS

- **Programming Languages:** Python, C++, C, JavaScript
- **OS and Scripting :** Windows, Linux, Git
- **Core Software:** Data Structures, Design and Analysis of Algorithms, Database design
- **Other:** HTML, CSS, Bootstrap, ReactJS, SQL, Deep Learning Models and Optimisations

ACCOMPLISHMENTS

- **Winner** of Hack Revolution Hackathon-2023.
- **Winner** of VIVITSU-2023 National level Hackathon.

PROJECTS

e-Commerce Aggregator

A product aggregator which fetches products from various other e-commerce sites sorted by price Apr 2023

- Developed a website using **HTML**, **CSS** and **JavaScript** to ensure an intuitive and engaging user experience.
- Built a robust back end using **Django REST Framework** to facilitate seamless data communication between the front end and back end.
- Optimized database performance by leveraging **SQLite** and implementing efficient query strategies.
- Reduced time taken for browsing of products online by **30%** on average.

Hospital Management System

A combination of centralisation and decentralisation for managing hospitals and patients. Mar 2023

- Created front end using **HTML**, **CSS**, **JavaScript**.
- Designed back end using **PHP** and **MySQL** for login and real-time database.
- Patient portal using **ReactJS** and **JavaScript** and integrated it with **Ethereum Test Network (Sepolia)** for live transactions on the blockchain
- Increase transparency by 100% and improve patient trust.

Image Caption Generator

A deep learning model which produces descriptive text for any given image. Apr 2023

- Created a deep learning model by combining 2 different models: **CNN** and **LSTM**.
- Data set used was flick8k, with over 8,000 images. Extracted features using **VGG16**, processed text and image data using **Embedding** layer and **CNN** model, respectively.
- Achieve accuracy of **89%** BLEU-1 score was **0.9**.

CERTIFICATIONS

- **CCNA** : Introduction to Cybersecurity
- **CCNA** : Cybersecurity Essentials
- **NPTEL** : Introduction to Machine Learning
- **Coding Ninjas** : Introduction to Python Excellence Certificate
- **Coding Ninjas** : Introduction to Java