

VANDANA S

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OBJECTIVE

An enthusiastic fresher with motivated and technical skills looking for a challenging role in a reputable organization to enhance my knowledge about new and emerging trends in the IT sector.

EDUCATION

DR T THIMMAIAH INSTITUTE OF TECHNOLOGY

Bachelor of Engineering
Major in Computer Science
Cumulative GPA: 7.2/10

KGF,Karnataka
Aug 2019 - May 2024

SDC INDEPENDENT PU COLLEGE

Pre - University
Percentage: 80.16

Bangarpet,Karnataka
Jun 2018 - Mar 2019

IBM ENGLISH MEDIUM HIGH SCHOOL

Secondary High School
Percentage: 88.32

Bangarpet,Karnataka
May 2016 - Apr 2017

UNIVERSITY PROJECTS

ROOM LAYOUT GENERATION USING SINGLE RGB PANORAMIC IMAGE

May 2023

- Led the development of a groundbreaking room layout generation system using Python and PyCharm.
- Leveraged advanced image processing libraries and machine learning algorithms to analyze single RGB panoramic images, extracting spatial data for generating precise room layouts and identify key features within the panoramic image, such as edges, corners, or contours, aiding in the detection of architectural elements.
- Utilized machine learning models, possibly Convolutional Neural Networks (CNNs) or other classifiers, trained on labeled architectural data to accurately recognize and segment different room elements from the image.
- Applied geometric transformations to rectify distortions within the panoramic image, ensuring accurate representation of room layouts and dimensions.
- Implemented a user-friendly interface using Python libraries to allow users to interact with the system, providing input images and visualizing generated room layouts.

Tech Stack: Python, Machine Learning Algorithms, image processing, **Python Libraries:** Pandas, NumPy, scikit-image, Matplotlib, **IDE:** PyCharm.

PULWAMA ATTACK

May 2022

- Developed a graphics-intensive project utilizing OpenGL and C++ to create dynamic and visually engaging scenes.
- spearheaded the development of a graphics-intensive project focused on visualizing the complex scenario of the Pulwama Attack incident.
- Implemented advanced rendering techniques, leveraging OpenGL's capabilities to optimize graphical performance.
- Demonstrated proficiency in graphics programming, resulting in the creation of the visual of the incident Pulwama Attack.

Tech Stack: OpenGL and C++, **IDE:** Visual Studios.

QUESTION BANK APP

May 2022

- Developed a question bank application utilizing XML for data storage and Java for backend logic and user interface.
- Implemented XML to organize and store questions, while Java was employed for handling app functionality, user interaction, and retrieval of data from the XML repository.
- This project enhanced skills in XML data management and Java programming for Android application development.

Tech Stack: XML, Java,. **IDE:** Android Studios.

FASHION FACTORY

Dec 2021

- Implemented a comprehensive backend system for the Fashion Factory project using MySQL and PHP.
- Designed and developed a relational database schema in MySQL for seamless data organization, storage, and retrieval.
- Utilized PHP to create dynamic web pages, integrating functionalities for user authentication, data manipulation, and content presentation.
- Integrated MySQL queries and optimized database operations to handle large volumes of fashion-related data, ensuring efficient CRUD (Create, Read, Update, Delete) functionalities within the system.

Tech Stack: MySQL, PHP,. **IDE:** Visual studios.

SKILLS

Programming Language: C Language and Python.

Python Libraries: Pandas, NumPy, Matplotlib, SQLite.

Database: MYSQL, Oracle DB.

Technical: HTML, CSS, Javascript, Basics of Java, Oops concepts, DSA, MS office, word, powerpoint.

Version Control Tools: Git and GitHub.

Personal: Good communication skills, Team player, Attention to detail, Organizational skills, Logical thinking, Problem solving.

ADDITIONAL

Certifications & Training:

- C language certification offered by Great Learning.
- Python certification offered by Infosys springboard.
- NASSCOM certification in Google Data Analytics.
- NPTEL Certification in Data Analytics in python.
- Undergone certified Java training at Ethnus, Bangalore.
- NPTEL Certification in Computer Graphics.

Languages: English, Hindi, Kannada, Telugu, Tamil.