

KANUGULA BHARGAVI

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OBJECTIVE

A skilled and reliable student looking for an opportunity to work with maximum potential in a challenging environment, with an opportunity for enhancing my professional skills with learning and experience for career growth.

EDUCATION

B.Tech , Information Technology May 2024
Velagapudi Ramakrishna Siddartha Engineering College 9.30 CGPA

Intermediate, M.P.C March 2020
N.R.I Junior College 9.82 CGPA

SSC, Class 10th March 2018
Nellore's Ravindra Bharathi School 10.0 CGPA

TECHNICAL SKILLS AND SKILLS

Programming Skills: Python, Java, Cpp , Data Structures .

Web Technologies: HTML, CSS, ReactJS

Databases, Tools and OS: MySQL, Node.js ,MongoDB, Vs Code, GitHub.

Skills: Problem solving, Critical Thinking, Time Management, Emotional Intelligence.

INTERNSHIPS

Codegnan IT Solutions, Vijayawada: MERN stack developer Intern May 2023 – Jul 2023

- Developed a React-based interactive frontend to store memories and images for a full stack application deployed on Amazon Web Services. Implemented a user-friendly user interface, a MongoDB backend for data storage, and Cloudinary for efficient image management, creating a seamless experience for preserving personal memories.

Technologies used : MongoDB , ReactJS , ExpressJS , NodeJS .

CyberSIN, Online, Vijayawada: Web application Developer sep 2022 – oct 2022

- Implemented real-time Google Maps feature using Firebase Database, showcasing users' current location. Contributed to responsive and interactive application, enhancing location tracking and display functionality for users.

Technologies used : Firebase , Javascript , HTML , CSS .

PROJECTS

Brain Tumor Localization and Segmentation Using CNN and U-Net 3D

Developed a deep learning-powered medical imaging system using the BRATS 2020 dataset for automated brain tumor segmentation. Implemented data preprocessing, **CNN and U-Net 3D models**, incorporating evaluation techniques including precision , F1-score , Dice Coefficient , and Mean IoU , contributing to advanced medical imaging analysis.

Speech Emotion Recognition with librosa

Implemented a Speech Emotion Recognition system using the RAVDESS dataset , featuring Python for feature extraction and an **Multi Layer Perceptron** Classifier. Attained accurate emotion classification 'calm' , 'happy' , 'fearful' , 'disgust' with notable performance.

Digitalized Bus Pass Generation

The Online Bus Pass Generation Project is a web-based platform enabling users to apply for bus pass and renew bus passe online. It utilizes HTML, CSS, and JavaScript for the frontend and PHP with MySQL for backend data retrieval.

Technologies used : PHP, MySQL, Javascript, HTML, CSS.

GLOBAL CERTIFICATIONS AND CERTIFICATIONS

- Google : Cloud Digital Leader.
- Microsoft : Azure AI Fundamentals.

- Coursera : Full Stack Web Development With React
- Cisco : PCAP Programming Essentials in c++.
- NPTEL : Data Analytics With Python.

TECHNICAL AND NON TECHNICAL ACHIEVEMENTS

- Solved 221 problems in leetcode platform.
- Branch 1st during my 3rd semester with 9.62 SGPA.
- 1st prize in inter-college throw ball competitions.
- 1st prize in Yumi group dance at Neonite in VRSEC.
- 2nd prize in Quiz competition at Samiksha in Andhra Loyala College.

RESPONSIBILITIES

ACM

Active participant in a number of technical and networking events for the ACM (Association for Computing Machinery) student chapter.

NSS

Enthusiastic NSS (National Service Scheme) participant who actively engages in voluntary work and community service projects to improve society.