Tharuni Dayara

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Professional Summary

Passionate Computer Science Engineering student with a strong foundation in software development, data structures algorithms (DSA) and skilled in problem-solving. Always eager to explore emerging technologies and apply them to real-world challenges, seeking opportunities to leverage expertise and deliver impactful solutions.

Education

Bachelor of Technology in Computer Science: B V Raju Institute of Technology Engineering   Oct 2022 – Aug 2026

- CGPA: 8.63 (Till date)
- Coursework: Mathematics for Computer Science, Programming Fundamentals, Operating Systems (OS), Database Management Systems (DBMS), Software Engineering, Automata Theory and Computation, Compiler Design

Intermediate: Trividyaa Junior College   Jun 2020 – Jul 2022

- Marks: 985/1000

10th (CBSE): Takshasila Public School   Jun 2009 – Mar 2020

- Marks: 463/500

Projects

CALENDARIO

- This minor project provides the user a calendar for a given month and year.
- The project uses the standard C library functions for working with dates and times.
- Tools Used: C

VIDEO ACTION RECOGNITION IN NOISY ENVIRONMENTS

github.com/VideoActionRecog

- The aim of the project is to enhance video action recognition in noisy environments using advanced techniques and technologies, benefiting applications in surveillance, healthcare, and human-computer interaction.
- Tools Used: Python,TensorFlow
- Deep Learning Frameworks: Mediapipe, MoViNet (Mobile Video Networks) model, CNN, RNN

Soft Skills

- Problem Solving, Teamwork, Communication, Leadership, Adaptability   Jan 2024

Technical Skills

Languages: Java, C, C++, Python, Haskell

Skills: DSA, OOPs, SQL, JavaScript, HTML/CSS, MS Office

Frameworks: React.js, Mediapipe, MoViNet

Libraries: Pandas, NumPy, Matplotlib

Tools: GitHub, VS Code, Jupyter Notebook, LaTeX

Databases: MySQL

Software: Cloud Computing

Publications

VIDEO ACTION RECOGNITION IN NOISY ENVIRONMENTS

Presented at CSITSS 2024 RV College of Engineering, ***Published in IEEE Xplore Scopus Indexed***

https://ieeexplore.ieee.org/document/10816814

Certifications

- Soft Skills - NPTEL| IIT Roorkee (Silver+Elite Badge), Oct 2024
- Programming in Java - NPTEL| IIT Kharagpur (Elite Badge), Jun 2024
- MongoDB Developer's Toolkit Course - GeeksForGeeks
- LET US DREAM(LUD) Annual Community Conference, Sep 2024
- Promethean 2K23 - BVRIT, Dec 2023
- Programming Essentials in C - CISCO, Jul 2023
- MUN SPARK - BVRIT, Jul 2023

Campus Involvement

TECHSURGE

- Volunteered for TechSurge, a 3-day technical event organized by Coding Brigade BVRIT (April 22-24, 2024), featuring: Yukthi (Hackathon), Prastuthi (Idea Pitching), Saaradhi (Alumni Connect)
- Developed event management, teamwork, and organizational skills

GSAC Event - Anchor

- Anchored Next in Tech, a flagship event at BVRIT Narsapur, powered by GradRight in partnership with Lehigh University.

E-BAJA SAE India - Volunteer

- Volunteered for E-BAJA SAE India at BVRIT Narsapur, assisting in event coordination, logistics, and team management, contributing to the successful execution of the competition.

Strengths

- Problem solving, creative thinking, Enthusiastic to learn new strategies

Interests

- Coding, Painting, Classical Dance(KUCHIPUDI), Yoga