Sakkuru Gyanavi

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Profile

Experienced and highly motivated Computer Science student with a strong foundation in both theory and practical application. Skilled in full-stack development, data science, and machine learning, with hands-on experience in projects and internships. Proven track record of academic excellence, problem-solving skills, and effective leadership in various extracurricular activities.

Education

Anil Neerukonda Institute of Technology, Btech in Computer Science with DataScience   2022 – 2025

- GPA: 8.53
- **Coursework:** Data Structure, Design and Analysis of Algorithms, DBMS, Data Analysis, Machine Learning.

Government Polytechnic Women's, Diploma in Computer Science   2019 – 2022

- Percentage: 85

Experience

Web Developer Intern, Daily Groups – Ahub, Andhra University   May 2024 - June 2024

- Worked as a web developer intern at Daily Groups, collaborating with a team to develop an e-news website using React.js
- Created dynamic and responsive user interfaces, integrated real-time APIs, and contributed to code optimization and testing to ensure a seamless user experience.

Python Developer Intern, Mallikarjuna Infosys, AICTE   April 2024 – May 2024

- Developed proficiency in Python programming, covering both basic and advanced concepts. Built and deployed web applications using Django, focusing on models, views, and templates.
- Gained hands-on experience with MySQL, including database design, normalization, and SQL queries.
- Integrated Python and Django applications with the Agroseeds platform through practical projects and case studies.

Projects

Integrated Learning Platform

- Developed a comprehensive website catered to student needs, featuring an array of essential tools for academic and professional advancement. Established an SQL database to securely store user login data, ensuring data integrity and confidentiality.
- Implemented core features such as Login and Signup to provide users with secure access to the platform.
- Tools Used: HTML, CSS, Java Script, PHP, SQL

Face Recognization System

- Implemented the K-Nearest Neighbor (K-NN) classification algorithm for face recognition, utilizing OpenCV and HaarCascades for precise frontal face detection in under 700 milliseconds. Achieved an outstanding error rate below 3
- Tools Used: Python, ML(KNN), OpenCV

Youtube Clone

- Developed full-stack YouTube clone using Node.js, MongoDB, and React.js Implemented user authentication, video uploading, commenting, and subscription features .Skilled in frontend development using React.js for UI and state management

- Tools Used: NodeJs, MongoDB, Javascript, ReactJS

Technical Skill

Languages Python,Java,Php

Full Stack Development HTML, CSS, Javascript, NodeJS, ExpressJS

Database Mysql, MongoDB

Data Science Standard ML Algorithms(Regression, Classification, Clustering)

Data Analysis Numpy, Pandas, Matplotlib

Additional Experience And Awards

Joint Sectratary in Indian Society for Technical Education (ISTE), ANITS.

Event Coordinator in Inventum Poster Presentation Event, 2-day National Tech Fest, ANITS

Certifications

AWS Certification in 24hrs Hackathon

DeepLearning Certification in Nptel

Full-Stack Web Development Certification in Edx

Python with DataScience Certification in PrepInsta