

SURUMY SULTHANA

+91 7902269744 Palakkad, Kerala

surumysulthana052@gmail.com

OBJECTIVE

Dedicated and knowledgeable MCA graduate with a strong foundation in computer science and a commitment to continuous learning, currently preparing for the UGC NET. Seeking an assistant professor position in the computer science department to leverage my skills in programming, software development, and data analysis, and to inspire and mentor students through innovative and inclusive teaching methods.

EDUCATION

Master of Computer Science, APJ Abdul Kalam Technological University

MES College of Engineering, Kuttipuram, Kerala

2022-2024

Bachelor of Computer Science, University of Calicut

IHRD College of Applied Science, Vadakkencherry, Kerala

2019-2022

SKILLS

Technical Skills

- Programming Languages: Proficiency in languages such as C++, Python, and SQL.
- Software Development: Experience with software development methodologies, including Agile and Waterfall.
- Database Management: Knowledge of database systems such as MySQL, SQLyog.
- Web Technologies: Understanding of HTML, CSS, JavaScript and frameworks like Flask and Django.
- Operating Systems: Familiarity with Windows, Linux.
- Networking: Basic knowledge of network protocols.

Educational Skills

- Collaboration Curriculum Development: Ability to design and implement effective curricula and lesson plans.
- Classroom Management: Skills in maintaining an organized and conducive learning environment.
- Assessment Design: Proficiency in creating and grading exams, quizzes, and assignments.
- Instructional Techniques: Use of diverse teaching methods to accommodate different learning styles.
- Mentorship: Capability to guide and mentor students through academic and personal development.
- Research Skills: Conducting and supervising research projects, and staying updated with the latest academic.
- Communication Skills: Strong verbal and written communication abilities for effective instruction and collaboration.

Soft Skills

- Problem-Solving: Analytical skills to address and solve student and classroom challenges
- Adaptability: Flexibility to adapt to different teaching environments and student needs.
- Patience: Patience and understanding to support student learning and progress.
- Collaboration: Ability to work well with colleagues, administration, and parents.
- Time Management: Efficiently managing time for teaching, grading, and other responsibilities.
- Critical Thinking: Applying critical thinking to create engaging lesson plans and solve problems.
- Leadership: Leadership qualities to manage classroom dynamics and extracurricular activities.
- Creativity: Using creative approaches to make learning engaging and effective.

PROJECTS

Anganawadi Automation: Built The main objective of anganawadi automation is to manage and monitor all the services of anganawadi and make sure the system works properly and efficiently. It manages the activities performed by various departments under the anganawadi system. The purpose of this project is to reduce the work load and digitize the anganawadi system. Technologies used: HTML, CSS, Flask.

Plastic Waste Management: a comprehensive website dedicated to streamlining the entire plastic recycling process with the primary objective of reducing plastic waste. Implemented features to enhance efficiency, minimize manual labor, and simplify tasks for workers in the field. The project aimed to contribute to environmental sustainability while optimizing operational workflows in the recycling industry. Technologies used: HTML, CSS, Django.

Movement Permit And Tracking System: As part of my academic pursuits, I spearheaded the development of a groundbreaking system called the Movement Permit & Tracking System (MPTS). This innovative solution was designed to address the logistical challenges posed by emergencies such as pandemics and natural disasters. Leveraging cutting-edge technologies including FaceNet, a convolutional neural network architecture, the system streamlined the process of acquiring digital movement permits while ensuring robust security measures through encrypted codes. My role involved integrating FaceNet for accurate face recognition, alongside Geocoder and Location Manager functionalities to enable precise tracking of individuals. This project not only showcased my proficiency in neural network technologies but also demonstrated my ability to innovate practical solutions to real-world challenges, underscoring my commitment to advancing technology for the greater good.

Technologies used: HTML, CSS, Flask.

EXTRA-CURRICULAR ACTIVITIES

- Since 2019, I've been actively immersed in the world of content creation on my personal Instagram account. Through my platform, I not only share my personal travel experiences and some other things. By leveraging the power of storytelling and visual elements, I aim to inspire and influence others to embark on their own adventures, exploring new things and find happiness in little things.
- Since 2018, I've been actively engaged in portrait drawing, utilizing my artistic talent to create detailed and expressive portraits that captivate audiences on Instagram and various social media platforms. I offer commissioned artwork services, delivering personalized and cherished pieces that commemorate special occasions or capture treasured memories for clients.

LEADERSHIP

Treasurer and Coordinator, Computer Application Student Association

MES College of Engineering, Kuttipuram (2022-2024)

Successfully Organized and executed various programs and events under the association's umbrella. Played a pivotal role as a coordinator in planning and implementing initiatives, leveraging strong communication and organizational skills to ensure the smooth execution of activities.