

Sangar M

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CAREER OBJECTIVES

Ambitious and forward-thinking college student with a keen interest in Cloud Computing, Machine Learning, and Web Development. Seeking an opportunity to apply my proficiency in cloud platforms, data analytics, and front-end/back-end technologies to create scalable and intelligent solutions. With a passion for leveraging data-driven insights and building intuitive user interfaces, I aspire to play a pivotal role in shaping the future of cloud-based applications and advancing the field of artificial intelligence through innovative projects and collaborative endeavors.

EDUCATION

Amrita Vishwa Vidyapeetham
B.Tech. Computer Science Engineering

Sept 2021 to May 2025
Current GPA: 7.86/10.0

Pushpalata Vidya Mandir
12th Standard

April 2018 to March 2019
Percentage: 92/100

10th Standard

April 2020 to March 2021
Percentage: 89.2/100

SKILLS

FrontEnd Languages: C/C++, Python, JavaScript, HTML, CSS
Backend Languages: SQL, Firebase
Tools: AWS

PROJECTS

Movie Ticket Booking System | *Java, Swing, SQL*

- Designed and developed a Movie Ticket Booking System using Java Swing for the graphical user interface, and integrated SQL for database management. This system enables users to effortlessly browse available movies, select preferred showtimes, and reserve tickets, all presented through a streamlined and intuitive GUI.
- The integration of SQL ensures efficient data storage and retrieval, contributing to a seamless and reliable booking experience for users.

Restaurant Management System | *C++, HTML/CSS*

- Worked on a Restaurant Management System that revolves around Doubly Linked Lists for efficient data management.
- This data structure enables seamless organization of restaurant data, such as menu items, customer orders, and reservations, by facilitating quick insertions, deletions, and traversals.

Sleeping Barber Problem | *HTML, CSS, javascript*

- Developed a solution for the Sleeping Barber Problem using HTML, CSS, and JavaScript.
- Implemented multi-threading techniques to manage concurrent processes and ensure synchronization.
- Designed and styled a user-friendly interface to simulate the barber shop scenario effectively.

E-Commerce Web-Application For Shoes | *HTML, CSS, Javascript, Firebase*

March 2024

- Developed a dynamic e-commerce website specializing in shoe sales, leveraging HTML, CSS, and JavaScript for frontend development.
- Implemented Firebase Authentication to provide secure login functionality, ensuring user data confidentiality and authentication

- Utilized Firestore DB as the backend database for seamless storage and management of product data, optimizing data retrieval and user experience
- Showcased expertise in full-stack web development, combining frontend design principles with backend database management to deliver a comprehensive e-commerce solution for shoe enthusiasts.

RESEARCH ASPECTS

Hepatitis disease diagnosis , *Research Paper*

Aug 2023 to Oct 2023

- Conducted an in-depth study on hepatitis classification leveraging machine learning techniques, specifically Random Forest and SMOTE.
- Conducted a thorough literature review to gather insights into existing methodologies and approaches in the field.
- Employed advanced data preprocessing techniques to enhance the quality and relevance of the dataset.
- Achieved an impressive accuracy rate of 98.24% in classifying individuals with hepatitis, showcasing the effectiveness of the proposed methodology and demonstrated strong analytical and problem-solving skills in optimizing model performance and accuracy.

CODING PROFILE

- Participating actively in various coding platforms, solving algorithmic challenges and enhancing problem-solving skills.
- I've supplemented my academic journey with practical programming experience on GeekforGeeks, where I've tackled a diverse range of problems.
- This experience reflects my commitment to continuous improvement and demonstrates my capacity to apply theoretical knowledge to practical scenarios.

LeetCode: https://leetcode.com/Sangar_M/

GeeksforGeeks: https://auth.geeksforgeeks.org/user/sangar_m

Coding Ninjas: https://www.codingninjas.com/studio/profile/Sangar_M

CERTIFICATION COURSES

AWS Certified Cloud Practitioner: Foundational Level

Coursera: Machine Learning Specialization