VIKASH S

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Objective

A highly motivated final-year Computer Science student at SASTRA University with a strong foundation in software development. Seeking a Software Developer role to leverage my skills in C++, Java, and various web and app development technologies to contribute to innovative projects and drive technological advancement.

Education

Bachelor of Technology in Computer Science Engineering **(2021-2025) | SASTRA University** , Thanjavur
Class 10th Percentage: **92%** (CBSE) **|| C**lass 12th Percentage: **92%** (CBSE)

Skills

Technical Skills
- Programming Languages: C, C++, Java, Python
- Web Development: HTML, CSS, JavaScript, Express.js, Node.js, React.js
- Mobile App Development: Flutter
- Machine Learning: Supervised, Unsupervised, NLP
- Tools and Technologies: Git, GitHub, MongoDB, SQL, FastAPI, Hive Local Storage

Soft Skills
- Effective Communication
- Team Collaboration
- Problem-Solving
- Time Management
- Adaptability

Projects

Food Delivery Website with Chatbot Integration

Description: Developed an end-to-end Food Delivery website with a chatbot for ordering food using Google Dialogflow. The website lists available food items with prices, and orders can be placed via the chatbot.
Technologies Used: HTML, CSS, JavaScript, SQL Workbench, FastAPI
Key Contributions:
- Integrated Google Dialogflow for chatbot functionality.
- Developed the front-end interface for listing food items and designed and implemented the backend database using SQL Workbench. Git: https://github.com/Vikash2806/UpdatedFoodAppChatBot

Realtime Chat App

Description: Developed a real-time chat application using React, Node.js, Socket.io, and MongoDB. The app supports one-to-one messaging and includes features such as user registration, login, setting avatars, and real-time message updates. The chat app is also responsive and styled with styled-components.
Technologies Used: React, Node.js, Socket.io, MongoDB, Express, styled-components
Key Contributions:
- Implemented real-time communication between users using Socket.io.
- Developed user authentication and profile management features.
- Designed a responsive and user-friendly interface with styled-components.
- Managed data storage and retrieval with MongoDB.

Other Projects

- **Habit Tracker App:** Built a habit tracker app with features like habit tracking, checkbox functionality, and monthly summary heat map.*Technologies Used:* Flutter, Hive *Git: https://github.com/Vikash2806/Habit-Tracker.apk*
- **Expense Tracker App:** Developed an app for efficient expense management with weekly summaries and search functionality. *Technologies Used:* Dart, Flutter, Provider, Hive
- **Personal AI Assistant:** Created an AI assistant with voice commands, gesture recognition, and system control capabilities. *Technologies Used:* Python, OpenCV, MediaPipe, SpeechRecognition, pyttsx3, pyautogui