SANGOJI VASANTH KUMAR

songojivasanth15@gmail.com | LinkedIn | github | +91 7569890046

OBJECTIVE

A Prospective Computer Science Engineer proficient in C, C++, Python, and Java with strong problem-solving and interpersonal skills, seeking a challenging role to contribute to the domain and grow with the organization.

EDUCATION

B.Tech in Computer Science and Engineering, Amrita Vishwa Vidyapeetham	**2020 - 2024**
Amrita School of Engineering, Coimbatore	**CGPA: 7.28**
Telangana State Board of Intermediate, MPC	**2018 - 2020**
Sri Chaitanya College of Education	**MARKS:956**
Telangana State Board of Education	**2017 - 2018**
Sri Chaitanya International School	
	GRADE:8.7

SKILLS

Languages	C++, Java, Python
FrontEnd	HTML, CSS, JavaScript, React.js
BankEnd	Node.js, Express.js
Database	Mysql, MongoDB

PROJECTS

Textile Defect Detection System |machine learning algorithms | Github Link

- Developed a Textile Defect Detection System using machine learning algorithms in Google Colab.
- The system autonomously identifies and classifies defects in textile materials with high accuracy
- Optimized model performance to ensure real-time defect detection, allowing manufacturers to reduce costs, improve quality, and increase efficiency.

Yeager Knowledge Challenge | Node.js, React.js, Express.js, CSS, Mongodb | Github Link

- Designed a quiz app inspired by Eren Yeager from "Attack on Titan," focusing on user engagement and knowledge testing.
- Enhanced the user experience with spirited design elements, fostering an environment where users can confidently test and showcase their general knowledge.

Java-based Word Guesser Game | java, oops | Github Link

- Created a word guessing game using Java and OOP in Eclipse IDE, ensuring a seamless user interface.
- Implemented advanced features including a dynamic hint system and multiple difficulty levels, designed to accommodate diverse user skills and enhance engagement.
- Integrated a leaderboard to track and display scores, enhancing competitive play and user engagement.

HeadSafe App Development | Flutter, Dart, Firebase, RESTful APIs | Github Link

- Engineered the HeadSafe app using Flutter, ensuring seamless cross-platform functionality on Android and iOS devices.
- Utilized RESTful APIs to establish efficient communication with the cloud-hosted ML model, facilitating helmet detection and analysis.

CERTIFICATIONS

- **MACHINE LEARNING CERTIFICATE**   **Jan 2024**

  Offered by Coursera

- **PYTHON, JAVA CERTIFICATES**   **Jan 2021**

  Offered by hacker rank
- **DATA STRUCTURE CERTIFICATE**   **Jun 2023**

  Offered by Udemy & Coursera

HONORS AND AWARDS

- Amrita Scholarship [2020-2024]
- Head of the Finance Committee for the tech-fest in Amrita Vishwa Vidyapeetham, Coimbatore Campus, Anokha 2023.
- Central coordinator, Cultural event management– Gokulashtami Event in the year 2022.
- Coordinator for C '20 summit held in Amrita Vishwa Vidyapeetham, Coimbatore.