JITHESH P SHETTY

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PROFILE

Innovative and detail-oriented Computer Science Engineering Student seeking challenging opportunities to leverage expertise in full-stack development, cloud architecture, and machine learning systems. Committed to implementing scalable solutions using cutting-edge technologies while maintaining security best practices. Eager to contribute technical proficiency and problem-solving abilities to drive organizational growth and technological advancement.

EDUCATION

Bachelor of Technology in Computer Science & Engineering   2022 - present
Sahyadri College of Engineering and Management, Adyar, Mangalore. CGPA : 9.7/10

TECHNICAL SKILLS

Programming Languages	Java, C, Python, HTML, CSS, JavaScript, SQL
Developer Tools	VS Code, Git, Postman, IntelliJ IDEA
Technologies/Frameworks	MySQL, React.js

PROJECTS

1. American Sign Language (ASL) Recognition System Using Machine Learning Approach
- Developed an LSTM-based deep learning model integrated with a MediaPipe pipeline to capture and process 21 hand keypoints, achieving 94.5% training accuracy and 92.1% test accuracy for real-time ASL gesture recognition.

2. Placement Management System
- Designed and deployed a Placement Management System using MySQL, PHP, HTML, and CSS, automating eligibility verification, application tracking, and data integrity through stored procedures and triggers.

3. Crop Yield Prediction Using Machine Learning
- Built a crop yield prediction system using ML models like Random Forest and Linear Regression, with a Flask-based user interface for real-time predictions.

4. Snake Game Using Python Turtle Module
- Developed a classic Snake Game in Python using the Turtle module, applying OOP principles to create modular, maintainable code with smooth movement, collision detection, and real-time score tracking.

CERTIFICATES & ACHIEVEMENTS

- Secured 2nd place in the PROJECT EXPO: Mini Project Poster Presentation at Sahyadri College of Engineering and Management, Mangalore.
- Earned Postman API Fundamentals Student Expert certification.
- Achieved Python Foundation Certification.
- Completed NPTEL course on 'Problem Solving through Programming in C' with certification.
- Participated in HackNight 20-hour Hackathon as part of DEVHOST 2024.

CAREER SKILLS	AREA OF INTEREST	HOBBIES
Problem Solving	AIML	Volleyball
Research	Full Stack Development	Video Games
Teamwork	Blockchain Development	Cooking