TIRUMALASETTY SASHI PAVAN

📞 7330775225   🌐 https://www.linkedin.com/in/sashi-pavan-a76624269/

✉ sashipavan111111@gmail.com

🌐 https://github.com/T-sashi-pavan

🏠 Guntur, Andhra Pradesh

CAREER OBJECTIVE

A passionate AIML student with expertise in full-stack web development (MERN stack) and hands-on experience in computer vision using OpenCV and MediaPipe with Python. Successfully led a startup project integrating hardware and software functionalities, serving as Team Leader, Model Designer, and Data Analyst. Actively participated in hackathons, winning multiple awards for innovative solutions. Eager to contribute as a Software Developer or AI/ML Developer to drive impactful and innovative projects.

EDUCATION

- **CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (CIET)** Guntur, Andhra Pradesh

  Bachelor Of Technology (B.Tech),CSM(AI-ML),CGPA:9.1   **2022 - 2026**

- **SRI CHAITANYA JUNIOR COLLEGE**   Tirupati, Andhra Pradesh

  Board Of Intermediata Education (MPC), Percentage:95.6%   **2020 - 2022**

- **SEVEN HILLS HIGH SCHOOL Tirupati, Andhrapradesh**   Tirupati, Andhra Pradesh

  Secondary School Education, Percentage:97.16%   **2019 - 2020**

PROJECTS

1) Full Website Page Design
>Designed and developed a comprehensive website page, focusing on clean design and responsive layout by using HTML,CSS,JS

2) API Integration Project By using Nodejs
>Developed a project integrating five APIs, demonstrating backend integration skills andAPI management by using Nodejs

3) E-Commerce Website for Crackers
>Designed and implemented a sample online crackers website, managing both front-end design and back-end functionality.Implemented customer, item, and purchase tracking systems.

4)Career Trekker Project
>Developed a career-building platform with features like Quick Resume Maker and Portfolio Maker.Integrated MNC's shortlisted resumes section with an edit feature for better customization.

5)Music Website
>Developed a web-based music player with playlist functionality, search, categorization, playback controls, volume adjustment, and dynamic track listing, ensuring cross-browser compatibility and responsive design.

6)Face Recognition & Hand Gesture Recognition
>Implemented real-time facial recognition using OpenCV and MediaPipe.Developed hand gesture recognition to enable touchless interaction with digital interfaces.

7)Sustainable Energy Development Project
>Led a team in developing a sustainable energy solution, integrating hardware and software to optimize energy usage, while overseeing model design and data analysis for efficient performance and real-world applicability

TECHNICAL SKILLS

- **Frontend:** HTML,CSS, JAVASCRIPT,REACTJS
- **Backend:** NODEJS,EXPRESSJS
- **Languages:** JAVA,PYTHON,C
- **Developer tools:** POSTMAN API
- **Course knowledge:** CLOUD COMPUTING,DATABASE MANAGEMENT, ARTIFICIAL INTELLIGENCE
- **Technologies:** OPENCV AND MEDIAPIPE,DEVOPS

CERTFICATIONS

1) Cloud Computing (NPTEL – IIT Kharagpur)
>Achieved Top 1% rank with 95% and earned a Gold Badge.

2)C Programming Certification (SS Computer Technology Training Institute)
>Scored 98% in the certification exam.

3)Advanced HTML & CSS (Infosys Springboard)
>Completed certification in advanced web development technologies.

4)JavaScript Certification (HackerRank)
>Earned certification demonstrating proficiency in JavaScript.

5) AI-ML VIRTUAL(AICTE-EDUSKILLS)
> Skilled in developing machine learning models, data preprocessing, and implementing algorithms.

6) JAVA FULL STACK (AICTE-EDUSKILLS)
> Proficient in building and maintaining end-to-end web applications using Java, with expertise in front-end development (HTML, CSS, JavaScript) and back-end frameworks (Spring Boot), database management, and RESTful API integration.

STARTUP PROJECTS

1)Sustainable Energy Development Startup Project
>Led a team in developing a sustainable energy solution, integrating hardware and software to optimize energy usage, while overseeing model design and data analysis for efficient performance and real-world applicability.

2)EduTech Startup – Website & Data Management
>Joined an EduTech startup as a Web Designer & Data Manager, responsible for developing the website and managing server infrastructure.Handled data management, backend operations, and server optimization, ensuring seamless platform functionality.

3)Online Water Supply Startup
>Founded an online water delivery startup, similar to Swiggy, for mineral and RO water cans, designing a website with order management, customer tracking, and seamless delivery coordination features.

EXPERIENCE

1)React Developer Intern – CodeBegun (2 Months)
>Worked on frontend and backend development using HTML, CSS, JavaScript, Node.js, and MongoDB, completing projects while gaining hands-on experience with React.js and modern web technologies, implementing new concepts to enhance website performance.

2)Web Developer Intern – CodeAlpha (3 Months)
>Developed web applications like Age Calculator Prism, To-Do List, and Music Website, gaining full-stack development experience in UI/UX design, responsiveness, and functionality.

WORKSHOPS

1)AICTE Bootcamp on Startup & Innovation (PSNA College, Dindigul, Tamil Nadu)
>Attended a 5-day bootcamp,

2)React.js Workshop
>Gained web development knowledge over 6 days.

3)DevOps Workshop
> Learned DevOps practices and tools in a 6-day session.

ACHIEVEMENTS

1)Gold Badge & Top 1% in India
>Achieved 95% in Cloud Computing certification by NPTEL (IIT Kharagpur).

2)Winner – Bharat Tech League 2024
>National-level hackathon champion.

3)Winner – ITech League 2024
> National-level hackathon champion.