ANUSRI S

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PROFILE

Aspiring web developer and designer with a passion for UI/UX design, focused on creating engaging digital experiences. Leveraging my creativity and problem-solving skills, I design user-centric web pages and applications that enhance usability. I actively seek opportunities to expand my knowledge in front-end development and design tools, aiming to contribute innovative solutions. My attention to detail ensures high-quality outcomes that meet user needs and organizational goals.

EDUCATION

Bachelor of Technology in Computer and Communication Engineering   2022 – present
Amrita School of Engineering   Chennai, India
CGPA 8.8

Schooling   2008 – 2022
Emerald Valley Public School   Salem, India

PROFESSIONAL EXPERIENCE

UI/UX Design & Web Development Intern   05/2024
CodSoft
- Designed wireframes, prototypes, and visual mockups for various projects utilizing Figma.
- Developed engaging websites to enhance user interaction and engagement.

Web Development Intern   05/2024
Prodigy InfoTech
Incorporated HTML, CSS, and JavaScript to develop visually appealing projects that effectively engage users.

Web Development & Web 3 Intern   05/2024 – 06/2024
Cognizance (IIT Roorkee)
- Developed a website for an electric vehicle company as a component of my major project.
- Executed a minor project that concentrated on Web 3 technologies, specifically focusing on the application of Bitcoin.

PROJECTS

Mine Exploration Robot   2024
Developed a robotic system utilizing Arduino Uno that incorporates integrated sensors for environmental monitoring, navigation, and object manipulation. Successfully achieved autonomous functionality for path navigation, gas detection, and robotic arm control. Acquired expertise in sensor integration, feedback loops, and real-time communication, thereby enhancing problem-solving and decision-making capabilities in embedded systems.

Cattle Skin Disease Classification using Deep Learning   2024
Established a transfer learning model using MobileNetV2 to analyze cattle images for skin disease detection, achieving up to 91% accuracy. Integrated MobileNetV2 with CNN and SVM classifiers for validation and testing, optimizing classification methods. By analyzing key performance metrics, the model proved to be an effective tool for disease detection.

Assembly Line Automation System   2023

Designed an automated assembly line system with a robotic arm for autonomous path navigation, obstacle detection, and removal, integrated with a web server for manual control to enhance product handling efficiency. Scoped for scalable industrial applications, achieving seamless automation and manual intervention capabilities. Gained expertise in robotic arm control, web server integration, and automation workflows.

Safety Systems in Cars   2023

Devised a safety system to detect dangerous gas levels inside vehicles, featuring LEDs and LCD displays for real-time safety status indication. Designed for scalable implementation in automotive safety systems to enhance passenger protection. Successfully achieved accurate gas level detection and intuitive visual alerts.

Pac-Man Game   2023

Formulated a maze arcade game in C programming, where Pac-Man navigates a maze, avoids enemies, and collects points. Designed the game for interactive entertainment, incorporating logic for enemy movement and point tracking. Successfully implemented core game mechanics, enhancing user engagement. Gained proficiency in C programming, algorithm design, and game logic development while improving problem-solving and debugging skills.

SKILLS

Web Development/Android Development	Visual Studio Code	Keil uVision
Deep Learning	Figma	Project Management
HTML, CSS & JavaScript	Arduino IDE/Processing IDE	Interpersonal Skills
C Programming	MATLAB	Organizational Skills
Embedded C	AutoCAD	Presentation Skills
Python	CST Studio/Proteus	Communication Skills

COURSES

Data Science For Engineers   03/2024

IIT Madras

AWARDS

Academic Excellence   2023

Amrita Vishwa Vidyapeetham

Honored for attaining the second highest position in academic performance.

Academic Excellence

Emerald Valley Public School

Recognized for exceptional academic performance throughout the academic year.

ORGANIZATIONS

Amrita Vishwa Vidyapeetham   2023

Volunteer

Contributed to the provision of essential services as part of the medical campaign.

Emerald Valley Public School   2018

Event Organizer

Organized an inter-school competition event.

Emerald Valley Public School

Conducted a campaign to advocate against deforestation

Emerald Valley Public School

Conducted maintenance efforts by cleaning the lake park to enhance its cleanliness and overall environmental health.

LANGUAGES

English │ Hindi │ Tamil │ Telugu

INTERESTS

Organization | Design | Reading | Creative Writing