DhanushB

INTERN

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SUMMARY

Results-driven fresh graduate with a strong academic background in computer application. Skilled in c language, python, html, css, arduino. Passionate about emerging technologies and eager to contribute to a dynamic organization. Committed to continuous learning and professional growth. Goal-oriented and adaptable, with excellent problem-solving abilities. A dedicated team player with strong communication and interpersonal skills. Ready to leverage my knowledge and enthusiasm to make a positive impact.

SKILLS

- C language
- Python
- HTML and CSS
- MySQL
- MS Office
- Arduino
- Written and verbal communication
- Adaptable (work in changing environment)
- Able to build relationships
- Ability to analyze qualitative data

PROJECTS

University website clone

- Developed a replica of the university's official website as a personal project to enhance web development skills.
- Designed and implemented the entire front-end using HTML and CSS to closely mimic the original website's layout and appearance.
- Ensured responsiveness and cross-browser compatibility for seamless user experience on various devices and browsers.
- Incorporated key website features such as navigation menus, homepage banners, contact forms, and interactive elements.
- Paid meticulous attention to detail to achieve pixel-perfect design and maintain consistency with the original website.
- Conducted user testing and gathered feedback from peers to refine the user interface and overall user experience.
- Practiced version control using Git to track changes and collaborate with project contributors.

Music Player Using JAVA

- Designed and developed a functional music player application using Java, demonstrating strong programming and software development skills.
- Implemented core features such as music playback, volume control, playlist management, and user-friendly navigation.
- Utilized Java's libraries and APIs for audio processing and user interface components to create a seamless and interactive music listening experience.
- Ensured cross-platform compatibility, allowing the music player to run smoothly on different operating systems.
- Leveraged object-oriented programming principles to create a well-structured and maintainable codebase.
- Continuously tested and debugged the application to guarantee optimal performance and user satisfaction.

Interface of Furniture sales platform

- Collaborated in designing the user interface (UI) for a furniture sales platform as part of a team project.
- Utilized Figma, a cloud-based design tool, to create wireframes, mockups, and interactive prototypes.
- Designed an intuitive and visually appealing interface that prioritized user experience and seamless navigation.
- Incorporated user feedback and conducted usability testing to refine the UI design and enhance user satisfaction.
- Worked closely with developers to ensure the implementation of the UI design was consistent with the original vision.
- Maintained design consistency and adherence to brand guidelines throughout the project.
- Contributed to brainstorming sessions and provided design solutions to address user needs and pain points.

Automatic Fan Speed Controller using Temperature Sensor

- Designed and developed an automated fan speed control system as a personal project to enhance practical engineering skills.
- Utilized an Arduino Uno microcontroller to interface with a temperature sensor and control a fan based on ambient temperature.
- Programmed the Arduino in C/C++ to continuously monitor the temperature and adjust the fan speed accordingly to maintain a predefined temperature range.
- Implemented real-time temperature feedback and fan control logic for efficient energy usage and comfort.
- Conducted testing and calibration to ensure precise temperature control and fan speed modulation.
- Documented the project thoroughly, including circuit diagrams, code comments, and a user manual.
- Gained experience in embedded systems programming, sensor integration, and hardware-software interfacing.

Automatic Accident Detection System using GSM and Vibration Sensor

- Designed and developed an innovative system to detect accidents in real-time using an Arduino Uno microcontroller.
- Integrated a vibration sensor to detect sudden impact or collisions, simulating accident scenarios.
- Utilized GSM (Global System for Mobile Communications) technology to send instant accident alerts to predefined emergency contacts.
- Programmed the Arduino Uno to analyze sensor data, trigger alarms, and send SMS notifications when an accident is detected.
- Implemented power-efficient coding to ensure prolonged system operation and reliability.
- Conducted extensive testing to validate system accuracy and response time, ensuring reliable accident detection.
- Developed a user-friendly interface for configuring emergency contact information and system settings.
- Successfully demonstrated the project's functionality, emphasizing its potential in enhancing road safety.

EDUCATION

Bachelor's of Computer Applications
Dayananda Sagar University *Nov 2021 -Present*

Maths,Economics,Commerce
Emeralds Junior College *Jul 2019 -Jul 2021*

High Schooling
Chinmaya Vidyalaya

LANGUAGES

English ●●●●●
Hindi ●●●●●
Telugu ●●●●●

Sanskrit ●●●●●
Tamil ●●●○○
Kannada ●●●○○