DHEERAJ YERRA

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Education

Qualification	Institution	University/Board	Score
B.Tech	Gayatri Vidya Parishad College of Engineering (A)	J.N.T.U. Kakinada	8.7
Class XII	Sri Vamsi Krishna JuniorCollege	I.P.E	95%
Class X	SMT Godavari Devi Saraf High School	C.B.S.E	87%

Skills

Programming Languages

Java

Web Development

HTML, CSS, JavaScript, Node.js, React.js, Express.js, MongoDB

Database Query Languages

SQL

Others

Data Structures, Database Management Systems

Projects

CHATBOT
- Developed an interactive Chabot with gemma2:2b and phi3 open source LLM models.
- Created specific API endpoints using Express.js that the frontend could call to send user queries to the respective models. These endpoints were designed to handle POST requests, ensuring secure and efficient data transmission.
- Enabled chat history and capability to switch between multiple LLM models.
- Built using HTML, CSS, JavaScript for frontend and used Express Js for backend.

PORTFOLIO DESIGN
- Developed to present my skills, projects, contact information, Github profile, Linkedin profile and resume.
- Designed a user friendly and responsive layout with smooth navigation and performance across all devices.
- Utilized React Js and Tailwind CSS to develop a visually appealing interface.

VENDOR MANAGEMENT SYSTEM
- Designed to make dynamic addition and management of firms and products by vendors.
- Implemented a backend interface through a vendor dashboard where vendor will be able to manage (add, delete) the firms and products dynamically.
- Developed user interface to fetch products and also designed cart page for adding and removing products.
- Utilized MERN stack (Mongo DB, Express Js, React Js, Node Js) to deliver a responsive system.

E-COMMERCE
- Developed to provide a static platform for showcasing products and facilitating online shopping.
- Focused on creating a clear layout with well-defined sections for products and categories, ensuring easy navigation within a static framework.
- Built using HTML, CSS to deliver a functional and visually appealing browsing experience.

Certifications and Courses

- Database Management Systems   NPTEL
- Data Structures and Algorithms   UDEMY

INTERNSHIPS

BHARAT (JULY 2023 - AUGUST 2023)

- ➢ Developed a personal portfolio and temperature converter website to demonstrate web development skills and practical application.
- ➢ Actively participated in all stages of development, including design, coding and testing ensuring projects met the functional standards.
- ➢ Designed and developed a user-friendly portfolio to present my skills, and information using HTML and CSS.
- ➢ Built a functional temperature converter tool that allows users to convert between Celsius to Fahrenheit, kelvin to Fahrenheit and vice versa.
- ➢ Focused on implementing JavaScript logic including handling user input, performing calculations and updating UI dynamically for accurate conversions and real time updates.

CODECLAUSE (APRIL 2024 - MAY 2024)

- ➢ Developed a weather application to provide real-time weather details, including temperature, humidity and conditions for user selected locations.
- ➢ Designed and implemented application's frontend and integrated a weather API to fetch and display accurate weather data based on user input.
- ➢ Utilized API integration to fetch weather data and applied front end technologies like ReactJs to build a user-friendly interface.

Extra-Curricular Activities

- ➢ Participated in Smart India Hackathon.
- ➢ Participated in various Table Tennis Tournaments.
- ➢ Got Silver medal in Science Olympiad.

Personal Details

Hobbies:

Playing Table Tennis, Badminton, Cricket

Strengths:

- ➢ Strong team player
- ➢ Ability to handle pressure
- ➢ Time management