Dayanand

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Portfolio: https://dayanand.netlify.app Github: https://github.com/DayanandR

EXPERIENCE

1.Credpolis: [Fintech Company]
- Designed, developed, and deployed a dynamic React website for Credpolis, a fintech company, using Figma for UI/UX designing, React JS and Tailwind CSS for front-end development, Firebase Realtime Database for back-end, and AWS cloud for deployment.
- Worked closely with the Credpolis team to understand their requirements and deliver a high-quality product that met their needs.
- Successfully launched the website on time and within budget, and it has been well-received by users.

PROJECTS

i. House price prediction using machine learning
1. Developed a user-friendly web interface using HTML, CSS, and JavaScript for seamless interaction, enabling users to obtain house price predictions.
2. Conducted data preprocessing and feature engineering to optimize data inputs for the machine learning model, utilizing Python's Pandas and Scikit-learn libraries.
3. Employed regression algorithms (Linear Regression, Decision Trees, and Random Forests) for accurate predictions, conducted rigorous testing and validation.

ii. AsmLearn: Assembly Programming Basics with 8086 and 8051
1. Created an interactive educational website for beginners to learn assembly programming, focusing on the 8086 microprocessor and 8051 microcontrollers.
2. The website offers comprehensive tutorials, explanatory videos, and coding examples to facilitate a smooth learning experience.

iii. WhatsApp clone app
1. Developed a feature-rich web application inspired by WhatsApp, offering real-time chat functionality, user authentication, and contact management. The project was built using React with Material-UI for the frontend and MongoDB for data storage.
2. Real-time chat features were implemented using Socket.io, ensuring a seamless and secure messaging experience.
3. The project also features an intuitive user interface with responsive design, allowing users to send and receive messages, images, and other media files, making it a user-friendly and engaging communication platform.

SKILLS

- Languages: C, Java, Python
- Front-End: HTML, CSS, JavaScript, React
- Database: SQL
- Version control: Git, GitHub
- Operating System: Windows, Ubuntu

KEY-COURSES TAKEN

- Computer Networks
- UNIX Shell and Programming
- Database Management System
- Object Oriented Programming

EDUCATION

- B.E - Computer Science and Engineering B.M.S College of Engineering • Bangalore • 2023 • 6.8cgpa
- Class XII - Shree Guru Ind P.U College of Science • Gulbarga • 2019 • 86%
- Class X - Matruchaya High School • Sedam, Gulbarga • 2017 • 90.08%

CERTIFICATES

- Introduction to Web Development with HTML5, CSS3, and JavaScript
- Python Basics for Data Science

EXTRA-CURRICULAR ACTIVITIES

- Mega plantation drive organized by NSS and Adamya Chetana Foundation
- Dheerya Foundation program to teach unprivileged students (Sai Sneha Ashram)