VASU AGARWAL

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Education

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY
Btech in Electronics and computer Engineering
📅 2021-Present | 8.6   📍 Patiala

RRMPS
Senior Secondary
📅 2021 | 96.6%   📍 Bijnor

RRMPS
Higher Secondary
📅 2019 | 92.8%   📍 Bijnor

Links

GitHub: **vasuagarwal23** 🔗
LinkedIn: **Vasu Agarwal** 🔗
LeetCode: **VasuAgarwal** 🔗
GeeksforGeeks: **VasuAgarwal** 🔗

Coursework

Data Structures and Algorithms
Design and Analysis of Algorithms
Object-Oriented Programming
Computer and Communication Networks
Digital System Design
Embedded Systems
Signal and System

Skills

PROGRAMMING
C • C++
HTML5 • JavaScript
CSS3 • Python

FRAMEWORKS
React JS • Tailwind
• Bootstrap • Node.js
express.js

DATABASES
MySQL • MongoDB

TOOLS
VS Code • Spyder IDE
Git/GitHub • Canva
Postman • MongoDB compass

Interest

Software Development
Web Development
Cricket
cooking

Recent Projects

YANAGRHA

- Developed a robust parking management platform using HTML, CSS, and JavaScript, enhancing the user experience for finding parking areas in both familiar and unfamiliar regions.
- Implemented a real-time parking availability feature, utilizing local storage for efficient data management. Reduced the time and effort required to find suitable parking spaces by providing instant access to the number of available parking slots in desired locations.
- Introduced a dynamic sharing feature, similar to Airbnb for parking, enabling individuals with extra parking spaces to share them with others in need. Fostered a stronger sense of community and expanded parking options for users.
- Incorporated a simple and intuitive navigation system within parking areas, facilitating easy retrieval of parked vehicles without getting lost. Eliminated the hassle of searching for cars in large parking lots.
  ⭘ YANAGRHA 🔗

AYUDAR

- Led the development of the Ayudar platform, connecting environmental NGOs with individuals to collectively address environmental challenges. Our platform serves as a meeting point, where NGOs can showcase their work and attract funding and volunteers, while individuals can discover and support causes they care about.
- Developed a user-friendly interface on Ayudar, making it easy for both NGOs and individuals to navigate and engage with the platform. Our intuitive design ensures that even non-technical users can easily explore and support environmental causes, fostering a sense of community and collaboration.
- This application is implemented using the HTML , CSS and JavaScript. ⭘ Ayudar 🔗

QUIZ PORTAL

- Created a web application, an engaging Quiz Portal using HTML, CSS, and JavaScript, where users can test their knowledge by answering a series of questions. This interactive platform brings fun and excitement to learning while providing an opportunity for users to challenge themselves.
- Implemented a scoring system that calculates and displays the user's score at the end of the quiz.
- Designed a user-friendly interface that enables seamless navigation through the quiz, ensuring a smooth and intuitive experience for participants.
  ⭘ Quiz Portal 🔗

Certificates

- Make4thon Hackathon
- Introduction to C++ from CodingNinjas
- Hacklipse 3.0 Hackathon
- HackOWASP 5.0
  📂 **Link to Certificates** 🔗