SATHYANAND V

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Education

Coimbatore Institute of Technology, Coimbatore   **Sep 2021 - Present**
M. Sc. in Decision and computing sciences   *CGPA 7.11*

Projects

School Management System (MERN stack) (GITHUB)
- Revolutionizing school management with a MERN Stack solutiontailored for diverse educational needs.
- Empowering administrators, teachers, and students with seamless user man-agement, attendance tracking, performance assessment, and intuitive data visualization
- Facilitated improved communication among stakeholders by integrating features such as messaging systems or announcement boards, fostering collaboration and transparency within the educational community.

Maternal Health Risk Prediction (Html, Css, JSP, Python) (GITHUB)
- A maternal health risk prediction system was designed and implemented using JSP (JavaServer Pages) and machine learning techniques.
- Applied data-driven methodologies to analyze relevant factors,contributing to accurate risk assessments
- Enabled a real-time monitoring feature within the system, allowing healthcare professionals to track maternal health indicators continuously

Automating Recruitment Process (Python, HTML, CSS, JAVA SCRIPT)(GITHUB)
- Developed an automated recruitment system, facilitating users to view and apply for various jobs.
- Conducts resume screening and quizzes for applicant selection, with results notifiedvia registered email.
- Established an email notification feature to inform applicants about their application status, enhancing communication throughout the recruitment process.

Social Media Application (HTML, CSS, JAVA SCRIPT,FLASK,SQLITE3)(GITHUB)
- Created a dynamic user interface using HTML, CSS, and JavaScript for an engaging user experience.
- Built backend functionalities with Flask and SQLite3, including user authentication and post management.
- Enabled users to create posts and engage with other posts by adding comments. Users can contribute to discussions by commenting on existing posts, fostering interaction within the community.

Experience

bCreative   **Jan 2024 - April 2024**
Web Developer Intern   *Remote*
- Leveraged my expertise in HTML, CSS, and JavaScript to create responsive web solutions at bCreative, resulting in impactful outcomes
- Designed captivating and interactive user interfaces with advanced CSS and JavaScript techniques.
- Enhanced website speed and efficiency through code optimization and caching methods, boosting user satisfaction and search engine rankings.

Area of Interests

- Data Structures
- DBMS
- Web Development
- Full Stack

Skills

Programming Languages: Python, Node JS
Frontend: HTML, CSS, React JS
Database: MySql, MongoDB
Developer Tools: VS Code, Git
Soft Skills: Leadership, Organisation, Adapting, Team Work

Extra Curriculars & Achievements

1. **Club Advisor - Ek Bharat Shreshtha Bharat**   Jan 2024 - Present
2. **Head of Creative Department - Ek Bharat Shreshtha Bharat**   2023-2024
3. **Conversational Data Analytics Workshop by Latent View - Pragyan**   Mar 2023