Sushil Kumar Thakur

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SUMMARY

Passionate and dedicated web developer with strong expertise in the MERN stack. Builds responsive, clean, and user-friendly applications with a focus on performance and modern design. Actively explores AI tools and technologies to stay ahead in the evolving tech landscape, with a continuous learning mindset.

PROJECT

Employee Task Management System (ETMS)

https://github.com/sushil-thakur/Employee-Management-System

A web-based platform for streamlined employee and task management
• Developed a role-based task management system using PHP and MySQL with separate panels for Admins and Employees.
• Implemented features for employee CRUD operations, task creation and assignment, salary management, and status tracking.
• Designed secure user authentication with password reset functionality and session-based access control.
• Built real-time notification and activity tracking systems for employee task updates.
• Organized the project with modular PHP scripts (e.g., add_task.php, manage_tasks.php, notifications.php) for maintainability.
• **Technologies Used:** PHP, MySQL, HTML, CSS, JavaScript, Bootstrap.

Mental Well-being Hub

http://mentalhealthas.netlify.app/

A platform dedicated to mental health awareness, support, and resources
• Developed a user-friendly and accessible website using HTML, CSS, and JavaScript to promote mental health awareness and provide valuable resources.
• Designed and implemented various sections, including articles on mental health, a blog for personal narratives, and resources for connecting with professionals.
• Integrated an interactive chatbot for real-time guidance, FAQs, and further support links.
• Crafted a calming and empathetic user experience with a soothing color palette and intuitive layout to ensure a welcoming atmosphere.
• **Technologies Used:** HTML, CSS, JavaScript.

Satellite Monitoring & Real Estate Prediction System (Demo)

https://satellitedemo.netlify.app/

A demo platform integrating satellite imagery with AI for real estate price forecasting
• Developed a demo version of a system that uses satellite imagery to monitor environmental changes (deforestation, urban development) and predict real estate property values.
• Integrated AI models, such as XGBoost and Scikit-learn, to forecast real estate prices based on geographic and environmental features.
• Utilized satellite data from Google Earth Engine (GEE), Sentinel Hub, and NASA Earthdata for environmental monitoring.
• Planned full-stack implementation with React.js, Node.js, and MongoDB, and interactive maps with Leaflet.js.
• **Technologies Used:** React.js, Node.js, MongoDB, Python, XGBoost, Scikit-learn, Google Earth Engine, YOLOv8.

EDUCATION

Bachelor of Computer Science (Hons.)   **August 2022 - Present**

TRAINING

MERN STACK
BOARDWAY infosys   17th Feb, 2025

SKILLS

Techincal Skill : HTML, CSS, JavaScript, React.js, TypeScript, ReactNative, Node.js, Express.js, MongoDB, ML ,Figma

Soft Skill: Good time management,Eager to learn new technologies, Hard Work and Adaptable