

Somnath Dwivedi

MERN Stack Developer

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PROJECTS

STUDY-NOTION (React, MongoDB, Express JS, Node, Tailwind CSS)

- Built a scalable MERN stack EdTech platform, enhancing content creation, consumption, and user engagement.
- Implemented Redux for efficient state management, improving application performance and response times.
- Designed responsive interfaces with ReactJS and Tailwind CSS, increasing user satisfaction through intuitive design.
- Integrated secure JWT authentication and Bcrypt hashing, ensuring robust data protection.
- Managed cloud-based media with Cloudinary and optimized content delivery using Markdown formatting.
- Optimized MongoDB schemas with Mongoose, improving data handling and retrieval efficiency.
- Developed features like student Wishlist, instructor dashboards, and course management, enhancing user retention and scalability.

Weather APP (JavaScript, API, CSS)

- Created a Weather Web Application using HTML, CSS, and JavaScript, integrating real-time data from external APIs to deliver current weather conditions, forecasts, and alerts.
- Designed a responsive and user-friendly interface, ensuring seamless functionality across devices and improving user experience.
- Optimized API integration for accurate and fast data retrieval, enhancing application reliability and usability.

My Portfolio

- Designed and developed an innovative, interactive portfolio showcasing personal information, projects, and technical skills using HTML and CSS. Created a visually appealing layout to effectively highlight expertise and achievements, ensuring a professional and user-friendly experience.

EDUCATION

Computer Science

Kamala Nehru Institute of Technology Sultanpur- Master of Computer Application

10/2023 - Present

Mathematics

Maharani Lal Kunwar P G College Balrampur - Bachelor of Science

08/2019 – 05/2022

SKILLS

Technical

Express JS, Node JS, React, Redux, Tailwind CSS, HTML, CSS, JavaScript, C++, MongoDB, SQL

Developer Tools

VS Code, Postman, Git & GitHub

Professional

Good work ethic, Teamwork, Responsibility, Time Management, Communication

EXPERIENCE

Cyber Security

Virtual Internship in C-DAC

- Conducted Ethical Hacking and Penetration Testing to identify and mitigate system vulnerabilities, enhancing security resilience.
- Performed risk analysis, vulnerability assessments, and security audits using advanced tools and techniques.
- Delivered actionable recommendations through detailed reports, ensuring compliance with cybersecurity standards and reducing potential threats to safeguard sensitive data and networks.

ACHIEVEMENT

- Certificate for Completion of Java Spoken Tutorial from IIT BOMBAY. ([Certificate](#))
- Certificate For completion of virtual Internship in C-DAC. ([Certificate](#))