AJAY SHARMA

Web Developer Intern

+9779827373796 | aakirtsharma123@gmail.com | https://github.com/AjaySharma78/
https://www.linkedin.com/in/ajay-sharma624/ | Kathmandu,Nepal

SUMMARY

Enthusiastic web developer with a focus on creating dynamic and interactive web applications. Eager to contribute to projects that enhance user experiences, combining expertise in HTML, CSS, JavaScript, and React. Passionate about creating well-designed, responsive interfaces and committed to continuous learning and improvement. Through practical projects, developed skills in secure authentication and real-time communication applications, aligning closely with the company's commitment to innovative technology solutions.

SKILLS

Language

HTML, CSS, Javascript, Python(basic)

Framework / Runtime Environment

Bootstrap, Tailwind CSS, Express.js, WebRTC, Node.js

Libraries

React.js, Socket.IO, Redux, Moment.js

Developer Tools/ Baas

VS code, Vercel, Render, Postman, Git, GitHub, Appwrite, Ngrok, Nodemon

EDUCATION

BE Computer - Computer Engineering

Purbanchal University School of Engineering

11/2019 - Present | Biratnagar

HSEB-(+2)

Shikshadeep College

2017 - 2019 | Biratnagar

Secondary Education Examination-(S.E.E)

Saptakoshi English School

03/2017 | Biratnagar

PROJECTS

Blog Website-{Pencrafted}

https://pencrafted.vercel.app/

A responsive web-based blog platform that offers a dynamic and interactive user experience with robust backend functionalities.
Technologies: React,Tailwind CSS, Appwrite, Redux, TinyMCE, React-Hook-Form, HTML-React Parser, React Router DOM
Github link

- **Secure Authentication:** Implemented login and signup forms with email verification and OAuth, managed by Appwrite, to ensure secure user access.
- **CRUD Operations**: Enabled full Create, Read, Update, and Delete functionalities for blog posts, allowing authors to manage their content and control its public visibility.
- **Content Creation**: Integrated TinyMCE for a rich text editing experience, enabling users to create and format blog posts with advanced features.
- **User Interaction:** Empowered non-author users to read and create their own blogs, fostering community engagement.
- **Responsive Design**: Applied Tailwind CSS to achieve a modern, responsive design, ensuring a seamless user experience across desktop and mobile devices.
- **Persistent Light/Dark Mode**: Implemented light and dark modes with user preferences stored locally, ensuring consistency across user sessions.
- **Dynamic Routing**: Utilized React Router DOM for smooth navigation and efficient page management within the application.
- **Future Enhancements:** Plans include advanced UI/UX improvements, additional pages, blog categorization, and adaptive theme modes that adjust based on system settings.

PROJECTS

Video Conference-{meetMe}

https://meetme-mlno.onrender.com/

Developed a web-based video conference application using HTML, CSS, JavaScript, Socket.io, and WebRTC, featuring real-time video, audio, chat communication, and a collaborative whiteboard.

Github link

- **Room Creation & Joining:** Users can effortlessly create new rooms or join existing ones with a unique room ID, ensuring seamless access to video and audio conferences.
- **Real-Time Video & Audio:** Utilized WebRTC to deliver high-quality, low-latency peer-to-peer video and audio communication for a smooth conferencing experience.
- **Collaborative Whiteboard:** Integrated a real-time collaborative whiteboard, allowing all participants in a room to interact on a shared canvas simultaneously.
- **Chat Functionality:** Integrated real-time chat within rooms, allowing participants to communicate seamlessly alongside video and audio conferencing.
- **Responsive Design:** Employed HTML and CSS to ensure a fully responsive interface, providing a consistent user experience across various devices.
- **Future Enhancements:** Plans include improved UI/UX, mobile device support, bug fixes, and latency reduction.

Weather Application-{TempU}

https://temp-u.vercel.app/

A web-based weather application that provides real-time weather updates and forecasts for both current and user-specified locations.
Technologies: HTML, CSS, JavaScript, OpenWeather API, GeoDB Cities API.

Github link

- **Real-Time Location Forecast**: Automatically retrieves and displays current weather conditions based on the user's geographic location.
- **Custom Location Search**: Enables users to search and view weather forecasts for any location worldwide.
- **Detailed Hourly Forecast**: Provides hourly updates on temperature and weather conditions with corresponding visual icons for the next 24 hours.
- **Extended 15-Day Forecast**: Shows a comprehensive 15-day weather outlook, including daily temperature highs, lows, and engaging weather icons.
- **Adaptive Themes**: Automatically adjusts application themes according to the time of day for an enhanced user interface experience.
- **Temperature Notifications**: Sends notifications for significant temperature rises or drops to keep users informed.
- **Future Enhancements**: Update of Responsive design.

CERTIFICATION

Programming with JavaScript

Meta

View certificate

LANGUAGES

English
Advanced

Nepali
Advanced

Hindi
Proficient