

Nandini Verma

Web Developer

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Professional Summary

Specializing in developing efficient, scalable, and user-friendly web applications that align with **business goals**. Skilled in **front-end frameworks**, **responsive design**, and **API integration**, with a strong focus on performance, security, and maintainability. Known for **problem-solving**, **adaptability**, and **teamwork**, consistently delivering innovative and high-quality solutions. Proficient in **optimizing** web performance, **integrating RESTful APIs**, and balancing technical excellence with user-centric design to achieve project success.

Experience

CodSoft - West Bengal Web Development

[November 2024 - Present]

- Developed and maintained React components to build **efficient, reusable, and scalable** front-end solutions.
- Optimized component rendering and **state management** to ensure seamless user interactions and reduced latency for client-side applications.
- Designed and implemented engaging animations using **GSAP (GreenSock Animation Platform)** within React components to enhance user experience and provide dynamic, visually appealing interfaces.

Oasis Infobyte – Noida , India

[October 2024 – November 2024]

Web Development

- Developed and maintained server-side applications using **Node.js** for efficient and scalable backend solutions.
- Optimized server-side logic to ensure fast data processing and reduced latency for client applications.
- Designed and developed engaging **animations** with **SCSS** to enhance user interactions and provide a dynamic user experience.

Omnist Techhub solutions – Noida , India

[May 2024 – October 2024]

Web Development

- Coded websites using **HTML, CSS, JavaScript, and jQuery** languages.
- Implementing animations using **SCSS**. Learned and applied **Tailwind CSS** for **responsive design**.
- Gained proficiency in using **Figma** to translate design concepts into functional web components . Implemented various types of **sliders**, enhancing user interaction and experience.
- Worked with the **Fetch API** , **Axios** and utilized the **Context API**. Added **Redux Toolkit** for state management.
- Created **reusable components** using React and used Tailwind for frontend design.
- Built **RESTful APIs** using **Express.js** to handle client-server communication efficiently.

Projects

Mines Game

- Developed a Mines Game with React, utilizing state management and logic to deliver dynamic, engaging, and scalable gameplay without database integration.

E-commerce Website

- Built an e-commerce website using React, Context API, and Fake Store API, enabling seamless state management, dynamic product listings, and a responsive user-friendly shopping experience.

Dashboard

- Developed a React-based Globe UI website connected to Supabase, displaying college distance center on a map and dynamically updating the URL and location based on user-selected IDs.

Predicting Cervical Cancer Risk with Machine Learning: An Investigation of Different Algorithms

- Conducted a study on cervical cancer risk prediction using machine learning, analyzing various algorithms to optimize accuracy, leveraging comprehensive datasets for actionable health insights and prevention strategies.

Education

Dayalbagh Educational Institute

2024

- Master of Science [Master of Science]

Dayalbagh Educational Institute

2022

- Bachelor of Vocation [Water Sanitation and Waste Management]

Skills

Frontend :- HTML , CSS , SCSS , Bootstrap , Tailwind , Javascript , jQuery, React.js

Backend :- Node.js , Express.js

Web APIs :- Postman , RESTAPIs

Databases : PostgreSQL , Supabase , MongoDB

UX/UI :- Photoshop , Figma

Native App Development :- React Native

Project Management Tools :- Jira , Trello

Certifications

- Awarded Certificate from online course organized by IIT Madras
- Crash course of python(Google) .
- Python for Data Science and Machine Learning Bootcamp (Udemy)
- The Complete 2023 Web Development Bootcamp(Udemy)