

Nilesh Yadav

Portfolio

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EDUCATION

- **Silver Oak College of Engineering & Technology (GTU)** Ahmedabad, India
Bachelor of Engineering - Computer Engineering - 9.01 CGPA July 2019 - July 2023
- **Atmiya Vidyapeeth (CBSE)** Gandhidham, India
Higher Secondary Education - 78.8% Senior Secondary Education - 10 CGPA

SKILLS SUMMARY

- **Programming Languages:** JavaScript(ES6+), C++
- **Web Technologies:** HTML5, CSS3
- **Frontend Frameworks & Tools :** React.js, Bootstrap, Tailwind CSS, daisyUI, Postman API, Vite
- **Version Control:** Git & GitHub
- **Database Systems:** MySQL, Firebase, Drizzle, MongoDB, Oracle SQL
- **Fundamental Understanding:** NodeJs, ExpressJs
- **Platforms:** Web, Windows, Arduino, MySQL Workbench
- **Soft Skills:** Adaptability, Writing, Critical Thinking, Teamwork

EXPERIENCE

- **Aspiration** On-Site
ReactJs, Python (Internship) Feb 2023 - May 2023
 - **Project:** Developed a Smart Attendance System using Face Recognition and Emotion Detection, leveraging OpenCV and machine learning (KNN) for accurate face recognition and capturing student emotions for feedback.
- **Technicra IT Solutions** On-Site
(ReactJs, HTML - CSS, JavaScript, Python) May 2022 - June 2022
 - **Project:** Implemented a Climate-Change bot for tracking temperature changes and observing the rising temperatures over the years by data collection and feeding the system by collecting data different APIs.

PROJECTS

- **IdeaPulse:** Developed a React application using Tailwind CSS and DaisyUI for styling, leveraging hooks such as useState, useEffect, useCallback, useRef, and useContext for state management and functionality. Integrated Drizzle with PostgreSQL and Neon for backend operations. The app allows users to submit startup ideas, which can be upvoted or disliked, and sorted by popularity and trending status.
- **Advanced Filtering:** Implemented React filtering allowing dynamic, efficient product sorting by brand, size, color and type. This improves user experience by allowing real-time updates without reloading, enhancing interactivity and responsiveness, which is crucial for e-commerce platforms.
- **Parallax App:** Created a dynamic parallax web movie application themed websites, utilizing CSS for a visually engaging user experience. Integrated responsive design techniques to enhance interactivity and aesthetics. Employed modern web technologies to ensure seamless performance and smooth scrolling effects, delivering an immersive and visually appealing platform for showcasing movie-related content.
- **The FurnitureLoft:** Designed and developed a visually stunning furniture shopping website with responsiveness and mobile adaptability. Implemented smooth scrolling and an intuitive interface to enhance user experience across all devices, ensuring seamless navigation and an engaging shopping experience.
- **Bill Buster:** Created a user-friendly bill-splitting app in React, using React state to manage logic. Allowed users to easily track credits and money to be received, offering a clear, intuitive interface for managing and calculating shared expenses efficiently.

CERTIFICATIONS

- **CSS Certification Test :** (KGCoding by Prashant Sir) February'24
- **Unlocking the Power of JavaScript:** (Scaler) November'23
- **ReactJs For Beginners:** (Simplilearn) September'23
- **Introduction to Python :** (DataCamp) June'22
- **Intermediate SQL Queries:** (DataCamp) June'22
- **Programming for Everybody - Getting Started with Python :** (Coursera - University of Michigan) June'21

VOLUNTEER EXPERIENCE

- **Group Leader at Design Engineering Project** College Level
Led the prototype development of a natural water purification system with storage facility. April 2021 - May 2023
- **Senior Content Writer** Finbus - Internship
Developed blogs and social media content offering insights about the Indian finance system. Jan 2021 - April 2021