

NIKHIL SINGH

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github.com/nikhilkcodes

Education

Institute of Management Studies Noida, India	2020 - 2023
• Bachelor of Computer Application	
Government Boys Sr. Secondary School New Kondli, Delhi, India	2019
• <i>AISSCE (Class XII)</i>	
Government Boys Secondary School Mayur Vihar Phase 3 Delhi, India	2017
• <i>AISSE (Class X)</i>	

Skills

Javascript | HTML | CSS | Bootstrap | NodeJS | ExpressJS | EJS | React | MongoDB | PostgreSQL | Git | Github | C++ | GCP

Work Experience

Virtual Origin Front End Developer	Aug'22 - Jan'23
• Collaborated with a development team to create responsive web applications using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and optimizing website performance.	
• Contributed to UI/UX design by implementing mockups, conducting user testing, and actively participating in problem-solving. Utilized Git for version control throughout the development process.	
E-Cell IIT Bombay Campus Ambassador	Jul'22 - Mar'23
• As a Campus Ambassador for E-Cell IIT Bombay, I promoted entrepreneurship among students on campus through organizing various events, workshops, and networking opportunities.	

Projects

Social Media Application (VibeMatch)	Github View Demo	Feb,24
• Frontend Development with TypeScript, React, and Tailwind CSS : Created a user-friendly interface using TypeScript, React, and Tailwind CSS. Built features like : Like & save post, Explore page, post creation, deletion, and profile editing for seamless user interaction.		
• Backend Implementation with Appwrite BaaS : Utilized Appwrite for backend, reducing development time and ensuring data security.		
Movie Database with React and Redux	Github View Demo	Dec'23
• Developed a dynamic movie database project using React, Redux, and SCSS, featuring advanced functionalities such as lazy loading, infinite scrolling , and seamless navigation through React Router. Effectively integrated the TMDB API to fetch and display real-time movie data, enhancing the user experience with up-to-date and comprehensive information.		
• Added functions like the ability to search and sort the movie selections and browse through the details of each film on a customised pages.		
Portfolio website using React and Bootstrap	Github View Demo	Dec,23
• Developed a professional portfolio website using React.js, React Router, and Bootstrap, showcasing strong proficiency in front-end web development technologies.		
• Implemented responsive design principles to ensure optimal viewing experience across various devices, demonstrating a keen eye for user experience and design aesthetics.		
Employee Management DB	Github View Demo	Dec,23
• Developed a comprehensive Employee Management System using the MERN (MongoDB, Express.js, React.js, Node.js) stack, integrating Bootstrap for responsive design. Implemented JWT (JSON Web Token) authentication for secure user login and signup functionalities, ensuring data integrity and user privacy.		
• Integrated Cloudinary for seamless profile picture management, allowing users to upload and display profile images efficiently. This enhanced user experience by providing a visually appealing and personalized interface within the employee management system.		

- Engineered a Hospital Management System using **Bootstrap 5** and **EJS**, with specialized modules for Doctor Management, Patient Management, and Appointment Management, ensuring a comprehensive and user-friendly interface for streamlined healthcare operations, Created a secure and efficient backend **REST API** using Express.js.
- Implemented robust security measures, integrating user authentication with **Passport.js** and data encryption using **bcrypt**. Employed **PostgreSQL** as the backend database to enhance data management and accessibility within the Hospital Management System.

Awards

Awarded "Mr. All-Rounder" for exceptional performance across academics and extracurricular activities, demonstrating a well-rounded skill set and dedication to excellence in all endeavors.

Secured 2nd Prize in the College Coding Project Competition, showcasing exceptional coding proficiency, problem-solving abilities, and teamwork in delivering innovative solutions.

Certifications

• The Complete 2023 Web development bootcamp - Udemy	View Credential	Dec,23
• Architecting with Google Compute Engine Specialization – Coursera	View Credential	Dec,22
• Google Cloud Skill Badges	View Credential	Dec,22
• C and Cpp training - Spoken Tutorial	View Credential	Sep,22