Sandeep Wadhawan

Full Stack Developer • Backend Developer • Frontend Developer

BVICAM • 2024 Pass out

Work Experience

Full Stack Developer Intern @ Kirabiz ⧉ Technologies, Pune

Feb 2024 - Aug 2024 (6 months) | Part-time

- Developed a social media platform where users can create profiles, post updates, follow other users, and interact through comments and likes.

- I have integrated Frontend using React with backend in ExpressJS.

- User Authentication and Authorization: Sign-Up and Login: Users can create accounts and log in securely. Password Reset: Provide options for password recovery. User Profiles: Profile Creation: Users can create and customize their profiles with personal information, profile pictures. Profile Viewing: Users can view their own and others' profiles. Posting Updates: Text, Images, and Videos: Users can post text updates, images, and videos. Post Visibility: Options for public, private, or friends-only posts.

Skills Developed: NodeJS, React.js, Redux, MongoDB, ExpressJS

Projects

Todo List Application ⟨/⟩

- The primary goal of creating a TodoList application is to provide a simple and efficient tool for users to manage their tasks and stay organized.

- I developed a comprehensive TodoList application using React for the frontend and Tailwind CSS for styling, implementing Context API for efficient state management and LocalStorage for persistent data handling.

- Task Management: Allow users to create, read, update, and delete tasks.

- Data Persistence: Use LocalStorage to ensure tasks are saved between sessions, providing a persistent user experience.

- State Management: Implement effective state management using Context API to handle the application's data flow seamlessly.

Skills Developed: React.js, Tailwind CSS, Context-API

Campus GIS System for BVICAM

- The goal of the project is to develop a geospatial system that provides location-based services within the campus environment.

- Traditional paper-based maps and manual data handling cause inefficiencies and limit decision-making and resource allocation. A comprehensive GIS system is needed to streamline data management, provide robust analysis tools, and ensure easy access to spatial information.

- Implemented clickables on map for navigation to provide better services to students and visitors around the campus. Users can view details on the map, zoom in and zoom out feature is present for better experience.

Skills Developed: JavaScript, PostgreSQL, CSS, HTML

Skills

JavaScript | React.js | NodeJS | MySQL | Java | HTML | CSS | MongoDB | Git | GitHub

Education

Guru Gobind Singh Indraprastha University, Delhi
M.C.A., Computer Applications | 8.6 CGPA
2022 - 2024

University of Delhi, Delhi
B.Sc., Mathematics | 9.216 CGPA
2019 - 2022

Certifications & Courses

Frontend for Java Full Stack Development

- I have learnt about how to create dynamic web applications using modern technologies like React, Angular, HTML, CSS and JS.

May 2024 | Certificate Link

SQL (Basic)

- Learnt about how to write SQL commands, keys in SQL.

July 2023 | Certificate Link

Achievements/ Extracurricular Activities

- Won a Gold medal in Vedic Mathematics when I was in 10th Standard

- Head Coordinator in Coding Competition conducted by BVICAM on the occasion of Education's Day