Vishal Singh

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EDUCATION

- o **Bachelors of Computer Applications:** 6.5 CGPA • Bareilly College, Bareilly | Graduation Year: 2025
- o **12th standard:** 61.8% • State Board | Year: 2022
- o **10th standard:** 82.67% • State Board | Year: 2020

SKILLS

Programming Languages: JavaScript, C, C++ (Intermediate)

Database and Language: Mongo DB

Frameworks: Working experience in React JS, Tailwind CSS, Express JS, Node JS

Version Control Tools and IDE: Git, GitHub, Visual Studio Code

Course Work: Database and management system, Object-Oriented Programming, Data StructureComputer Networks, Operation Systems, Data Structures, and Algorithms

Soft Skills: Collaboration, Communication, Planning, Teamwork, Time Management, Leadership

Work EXPERIENCE

Intern | OctaNet Service Pvt Ltd.

- **Developed a Landing Page:**
    - o Developed a dynamic and responsive landing page using React.js.
    - o Implemented modern web development techniques, leveraging hooks and functional components for efficiency.
    - o Worked closely with the design team to create a visually appealing and user-friendly interface that aligned with the company's brand identity.

- **Built a To-Do App:**
    - o Developed a feature-rich to-do application using React.js, enabling users to add, edit, and delete tasks.
    - o Utilized React's built-in state management and hooks for seamless functionality.
    - o Optimized the application for performance and ensured cross-browser compatibility.

- **Skills & Technologies:** React.js, JavaScript, HTML, CSS, Responsive Design, Git, AgileMethodologies

PROJECTS

Project Name: Spotify Clone and Chat App (GitHub)

- **Description:** Developed a real-time music streaming platform inspired by Spotify, enabling users to discover, play, and manage their favorite tracks seamlessly. Integrated a built-in chat feature for user interaction.
- **Technologies Used:** React.js, Node.js, Express.js, MongoDB, Clerk Authentication, Zustand (State Management), Socket.io (Real-time Chat)
- **Key Features:**
    - o Secure user authentication and authorization with Clerk.
    - o Smooth real-time music playback with an intuitive UI.
    - o Playlist creation and song management for a personalized experience.
    - o Advanced search and filter options for songs and albums.
    - o Responsive and adaptive design for both mobile and desktop.
    - o Integrated real-time chat functionality using Socket.io for seamless user interaction.

Project Name: E-commerce Web Application (GitHub)

- **Description:** Developed a comprehensive e-commerce platform that enables users to browse, purchase, and manage products online. The platform features secure authentication, a robust shopping cart system, and seamless payment integration for a smooth user experience.
- **Technologies Used:** React.js, Node.js, Express.js, MongoDB, Redis, Stripe, Cloudinary
- **Key Features:**
    - o **User Authentication:** Secure login and registration system for buyers and admins.
    - o **Product Management:** Users can explore products, apply filters, and view detailed descriptions.
    - o **Shopping Cart & Checkout:** Add-to-cart functionality with a streamlined checkout process.
    - o **Payment Processing:** Secure and hassle-free transactions using Stripe.
    - o **Order & Discount Management:** Admin can manage orders and create discount coupons.
    - o **Cloud Storage:** Cloudinary integration for high-quality product image hosting.
    - o **Performance Optimization:** Redis caching for improved speed and scalability.