

PRANJAL JAISWAL

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PROFILE SUMMARY

I am an accomplished Software Engineer with 1.5 years of expertise in React and Node.js development. I earned my B.Tech degree in Information Technology in 2022. Proficient in full-stack development, I excel in crafting user-friendly web applications and solving intricate technical challenges. My dedication to excellence extends to creating innovative, responsive, and performant interfaces. I have a proven track record of collaborating with diverse teams, including designers and product managers, resulting in the successful delivery of impactful projects. My strong analytical skills drive optimization efforts, and I remain committed to staying updated with emerging technologies to fuel innovation in future endeavors.

Education

R.D Engineering college , Duhai, Ghaziabad

- B.Tech (Information Technology) | Percentage: 75 2018- 2022

Three Dots Sewamarg Public School, Aligarh , U.P

- C.B.S.E (Class XII) | Percentage: 65 2017-2018

Three Dots Sewamarg Public School, Aligarh , U.P

- C.B.S.E (Class X)| CGPA: 9.2 2015-2016

Skills

C | Python | JavaScript | NodeJS | React | MongoDB | Redux | Git | Postman | Mongoose | WebSocket | Firebase

Work Experience

Kent Cameye | Fullstack Developer

Apr,2022- Aug,2023

- Developed cutting-edge web applications using React.js and Node.js, ensuring seamless integration of front-end and back-end functionalities.
- Collaborated closely with UI/UX designers to implement pixel-perfect, user-friendly interfaces.
- Expertly utilized React components for modular and maintainable code, enhancing development efficiency.
- Designed and implemented efficient RESTful APIs in Node.js, optimizing application performance.
- Played an active role in code reviews, offering valuable feedback and improving code quality.

Projects

Distributor Management Sysytem

Project Link: [DMS](#)

It is an in-house project used to maintain their distributors and to facilitate the flow of products to their customers.

- The project focuses on managing a network of distributors who play a crucial role in the distribution and supply chain.
- The system generates reports and analytics to provide insights into sales trends, demand patterns, and distributor performance.

Kent CamAttendance

Project Link: [Cam Attendance](#)

It is an in-house and public project that uses facial recognition to maintain attendance records for the organization.

- The facial recognition system offers a faster and more accurate way of marking attendance compared to traditional methods like manual registers or ID cards.
- The project emphasizes data security and privacy, implementing robust measures to protect the facial recognition data and attendance records from unauthorized access or breaches

Roles and Responsibilities

- Develop and maintain React and Node web applications.
- Logging and debugging errors Integrating React with Node to build full-stack web applications.
- Working with APIs to fetch data from backend servers.
- Logging and debugging errors.

Personal Projects

React E-Commerce Website with Redux

- Developed a comprehensive e-commerce website using React and Redux for state management.
- Responsive Design:
- Ensured a seamless user experience across various devices with a responsive and mobile-friendly design.
- Redux State Management:
- Implemented Redux for centralized state management, enhancing scalability and maintainability.

Video Calling Application Using WebSockets

- Developed a real-time video calling application using WebSockets for seamless communication between users.
- Implemented video streaming functionality using WebRTC (Web Real-Time Communication) technology to facilitate peer-to-peer communication..
- Integrated features for user authentication and authorization to ensure secure access to the application..
- Implemented signaling mechanisms to establish and manage connections between peers, allowing for efficient exchange of audio and video data.
- Conducted thorough testing and debugging to identify and resolve issues related to video/audio synchronization, network connectivity, and browser compatibility.
- Optimized network performance and bandwidth utilization to deliver high-quality video and audio streams with minimal latency.

Razorpay Integration Application

- Integrated Razorpay, a leading payment gateway, into the e-commerce application for secure and efficient payment processing.
- Seamless Checkout Experience
- Enabled a seamless and user-friendly checkout experience by incorporating Razorpay's payment interface.
- Multiple Payment Methods
- Supported multiple payment methods, including credit/debit cards, net banking, UPI, and wallets, offering flexibility to users.

Video Streaming Application Using Firebase and Multer

- Developed a sophisticated video streaming application utilizing Firebase for cloud storage, Multer for file uploads, and Video.js for seamless video playback.
- Integrated Firebase Storage to securely store and manage video files, ensuring scalability and reliability for efficient streaming.
- Leveraged Multer middleware to handle file uploads, allowing users to upload videos directly to the application with ease.
- Designed an intuitive and visually appealing user interface (UI) using HTML, CSS, and JavaScript, ensuring an engaging and user-friendly experience for viewers.
- Integrated Firebase Authentication to implement secure user authentication and authorization, safeguarding access to video content and personal data.
- Optimized video encoding and streaming parameters to deliver high-quality video content with minimal buffering and latency, enhancing user satisfaction.

MemoHub - Note Management System

- Full-Stack CRUD Operations
- Developed a full-stack CRUD (Create, Read, Update, Delete) application for managing and organizing notes efficiently.
- User-Friendly Interface:
- Designed an intuitive and user-friendly interface for seamless note creation, viewing, editing, and deletion.
- Node.js Backend:
- Implemented a backend using Node.js to handle business logic, data storage, and API endpoints.
- Express.js RESTful API:
- Created a RESTful API using Express.js to enable communication between the frontend and backend, facilitating CRUD operations.
- MongoDB Database:
- Integrated MongoDB as the database to store and retrieve notes, ensuring data persistence and scalability.

Certifications

Udemy Course: Node.js Project Development

Completed an intensive Udemy course on Node.js project development, gaining proficiency in backend development with Node.js, Express.js, and MongoDB. Highlights include hands-on experience with RESTful API development, authentication, and authorization implementation. Successfully developed skills in code organization, error handling, and debugging. Acquired expertise in database design and management. The course duration was **[40.5 hrs]**, and a certificate of completion is available [Node js Certification link](#)