SAIRASH KHATIWADA

Full Stack Developer

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SUMMARY

Proficient Full-stack Web Developer with expertise in designing and developing scalable, high-performance applications. Skilled in both front-end and back-end development, with a focus on delivering innovative solutions. Experienced in modern web technologies including React, Node.js, MongoDB, and real-time communication with Socket.IO.

Projects

Real-Time Chat Application

Developed a secure, scalable real-time chat application with key features for seamless communication.

- **Secure User Authentication**: Implemented OTP-based registration for robust user verification.
- **Real-Time Messaging**: Integrated Socket.IO for instant, dynamic messaging.
- **Message Persistence**: Utilized MongoDB for efficient message storage and retrieval.
- **Scalable Architecture**: Designed to support high user traffic with responsive, mobile-first design.

Online Restaurant Web App

Developed a secure and user-friendly restaurant web app with key features for both customers and admins.

- **Secure Authentication**: Implemented password-based authentication for user security.
- **Order Management**: Enabled easy cart additions and order placements.
- **Admin Dashboard**: Built an intuitive dashboard for real-time order and inventory management.
- **Responsive Design**: Ensured optimal performance across all devices.

Blogging Social Media Web App

Developed an interactive, installable social media platform for blogging.

- **Secure Authentication**: Enabled protected user login and profiles.
- **Content Creation**: Added features for posting, deleting, and managing content.
- **Social Engagement**: Integrated likes, comments, and user following for active engagement.
- **PWA Functionality**: Built as a PWA, allowing mobile installation for easy access.

SKILLS

Frontend Development: React.js, HTML5, CSS3, JavaScript (ES6+), TypeScript, Tailwind CSS, Responsive Design

Backend Development: Node.js, Express.js, REST APIs, Authentication (OTP, Email, JWT), Socket.IO

Database Management: MongoDB, NoSQL Databases

State Management: Redux, TanStack Query (React Query)

Version Control: Git, GitHub

Soft Skills: Communication, Critical Thinking, Time Management, Teamwork, Problem-Solving

EDUCATION

Bachelor of Computer Applications and Information Technology (BCA-IT) | 2024 – Present
Gomendra Multiple Campus, Purvanchal University