Yuvraj Verma

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EDUCATION

KES Shroff College of Arts and Commerce

Master of Science in Information Technology

Jul 2024 - Aug 2026

Shankar Narayan College of Arts and Commerce

Bachelor of Science in Information Technology

Jun 2021 - May 2024

SKILLS

Programming: JavaScript, TypeScript, HTML, CSS

Frontend: React JS, Tailwind CSS, Shadon UI, Tanstack Query **Backend:** Node, RESTful APIs, Firebase, Supabase, Express JS

Tools: Git, GitHub, Postman, VS Code

CERTIFICATIONS

Postman API Fundamentals Student Expert - Gained proficiency in using Postman for API testing and implementation, including HTTP methods, request/response structures, and authentication.

Meta- Programming with JavaScript - Gained expertise in JavaScript meta-programming techniques. Developed custom solutions using functional programming paradigms to enhance code flexibility and maintainability.

PROJECTS

BlogWhiz | FullStack Blogging App

Link | Github

- **Rich Blog Editing:** Built a WYSIWYG blogging platform using React, React Quill, and Tailwind CSS for a seamless writing experience.
- **Firebase Integration:** Implemented authentication, Firestore, and hosting to handle user management and real-time content updates.
- **Optimized Data Fetching:** Used React Query to fetch and cache blog data efficiently, reducing unnecessary loads and improving UX.
- Responsive UI: Designed a clean, mobile-friendly layout with Tailwind and React Router for smooth navigation and accessibility.
- **Enhanced UX:** Added toast notifications, dynamic routing, and analytics with React Hot Toast and Vercel Analytics to improve interactivity.

GoTreats | Food Ecommerce Web App

Link | Github

- Customer Ordering: Built a full-stack food ordering platform where users can browse, order, and track food
 in real-time.
- **Admin Dashboard:** Crafted a role-based admin panel to manage orders, update product listings, and view customer activity.
- **Serverless Backend:** Used Firebase, Cloud Functions, and Firestore to handle backend logic, data storage, and authentication.
- Payment Integration: Integrated Razorpay for secure and seamless online payments with real-time order confirmation.
- Modern Stack: Developed with React, Tailwind CSS, Zustand, and React Query for fast, responsive, and state-efficient UI.

Lets Chat | Realtime Chatting Web App

Link | Github

- Full-Stack Messaging: Built a real-time chat application using the MERN stack for seamless client-server communication.
- **Secure Access:** Implemented JWT-based authentication and authorization to protect user sessions and restrict
- Responsive UI: Designed a clean, mobile-first interface using React, Next UI, and Tailwind CSS for smooth UX.
- Real-Time Communication: Integrated Socket.IO to enable instant, bidirectional message delivery between users
- **Scalable Backend:** Structured a modular Express.js server with MongoDB to handle chat rooms and user data efficiently.