ANSHUL DWIVEDI

FULL STACK DEVELOPER | REACT | NODE.JS | THREE.JS | SHADERS | AWWWARDS

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Full Stack Developer with a passion for interactive 3D experiences and real-time systems. I specialize in creating immersive UIs with React Three Fiber, shaders (GLSL), and scalable MERN apps. I focus on performance, clean design, and user-first development.

TECHNICAL SKILLS

React.js, Tailwind CSS, GSAP, React Three Fiber, Shaders (GLSL), Locomotive Scroll, SwiperJS, Email JS, Framer Motion, Node.js, Express.js, MongoDB, Firebase, REST API, Cloudinary, JWT, Zustand, TanStack Query, Git, GitHub, Vercel, Netlify, Postman, Figma, Render, Canva, Sora

PROJECTS

3D Portfolio Website (React Three Fiber)   Link
Tech: React Three Fiber, GSAP, Locomotive Scroll
- o Developed a scroll-animated 3D portfolio that improved time-on-page by 40% and reduced initial render load via optimized asset handling
- o Improved asset loading and interaction handling via Locomotive Scroll and responsive layout strategy, resulting in faster render times and higher user retention.

Zajno- Inspired Shader Visuals Project   Link
Tech: Three.js, GLSL
- o Inspired by Zajno's agency - Recreated premium shader-based visual effects using custom fragment and vertex shaders.
- o Achieved dynamic distortion and procedural animation by manually controlling shader uniforms and GLSL transitions — boosting visual storytelling capability.

SIYANSH - A Production-Ready Realtime Video Chat App   Link
Tech: React, Node.js, Zustand, TanStack Query, Stream API, MongoDB, JWT, Render
- o Developed a secure real-time chat & video call platform using Stream Chat API, JWT, and Zustand to enable seamless communication with user authentication .
- o Managed global theme state for 30+ modes via Zustand and optimized API calls with TanStack Query.
- o Handled real-time UX and data consistency using query mutations and cache invalidation.

EASYFOODS - Full Stack Grocery Store App
Tech: React, Node.js, Express, MongoDB, Tailwind
- o Built an end-to-end e-commerce solution using MERN stack with features like product listing, cart, and checkout to provide a responsive and modern shopping experience
- o Integrated RESTful APIs for seamless frontend-backend communication.
- o Optimized UX using responsive design and modern UI components.

PROFESSIONAL EXPERIENCE

EasyFoods.in — Full Stack Developer Intern (Remote)   **Aug 2024 - April 2025**
Remote internship at a startup building a grocery delivery platform for Tier 2 cities in India.
- • Built reusable UI components using React and Tailwind, reducing code duplication by 30%
- • Implemented product listing and checkout features leading to smoother customer flow and admin management.
- • Integrated backend APIs and handled state sync between checkout flows and admin dashboard.

EDUCATION

B.Tech in Computer Science Engineering   **NOV 2021 - JULY 2025**
Galgotias University | 2021 – 2025 | CGPA: 8.1**
- • Relevant Coursework: Web Development, Data Structures, Discrete Maths, Operating Systems, Computer Networks,Cloud Computing, AI

CERTIFICATIONS & ACHIEVEMENTS

- • GDSC Facilitator Program / GCCP
- • AWS Architect Program
- • NASA SpaceApps Hackathon Participant