PRATIK KANOJIYA

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PROFILE SUMMARY

Full Stack Developer with hands-on experience in building SaaS platforms featuring real-time 3D product configurators and asset management systems. Skilled in **React, Node.js, Express, MongoDB, React Three Fiber, Three.js, AWS S3, and JWT authentication**. Strong focus on creating secure, scalable, and user-centric applications with optimized performance, clean architecture, and responsive UI. Passionate about solving real-world problems using modern web technologies and full-stack engineering.

EXPERIENCE

Tiki Tech, Mumbai– Junior Full Stack Developer (*November 2025 – present): -*
- Developing a SaaS platform using MERN with role-based access, REST APIs, JWT auth, and AWS S3 storage.
- Built 3D visualization features using React Three Fiber & Three.js to enhance product configuration.

Tiki Tech, Mumbai- Developer Trainee *(Aug 2025 – Oct 2025): -*
- Assisted in building 3D configurators using React, Three.js & R3F for enterprise demos.
- Enhanced GLTF/GLB assets and WebXR previews, reducing 3D model load time by ~35% and improving AR/VR rendering smoothness across devices.

PROJECTS

SaaS 3D Model Configuration Platform (Full-Stack, Production-Grade @Tikitech): -   October 2025 - present

Tech Stack: React.js, R3F, Node.js, Express.js, MongoDB, Mongoose, Tailwind CSS, JWT, Amazon S3.
- Built a production-grade SaaS platform with 3D model customization and asset management.
- Developed secure MERN backend with JWT auth, role-based access, and AWS S3 integration.
- Added real-time 3D visualization using React Three Fiber & Three.js to enhance user experience.
- Delivered admin dashboards and optimized performance, scalability, and responsive UI.

Product Configurator Demo (Western Refrigeration Ltd – Client Project @Tikitech): -   Aug 2025 – Oct 2025

Tech Stack: React, Three.js, React Three Fiber, Blender, WebXR, Tailwind CSS, MUI
- Built a real-time 3D configurator using React, Three.js & R3F with AR/WebXR support and GLTF/GLB rendering.
- Designed responsive UI with Tailwind/MUI enabling texture, lighting, and product customization.
- Delivered a high-fidelity prototype used for client demos, improving product pitching & visual experience.
    Link: - Configurator

EDUCATION

United college of engineering and management. Prayagraj, Uttar Pradesh   *2021-2025*
B. Tech in Computer Science

CERTIFICATIONS

Full-Stack Web Development Certification, IIIT Allahabad – Expertise in end-to-end MERN stack development.

SKILLS

Languages: JavaScript (ES6+), HTML5, CSS3, JSON
Frameworks & Libraries: React.js, Redux, Node.js, Express.js, Three.js, React Three Fiber, WebXR, Tailwind CSS, Material-UI
Databases & Tools: MongoDB, Git & GitHub, Vite, FTP, REST APIs, Postman.
3D & Visualization: Blender (GLTF/GLB/USDZ optimization), AR/VR model integration