

Nikita Goyal

Web - Frontend Developer

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Summary

Frontend Developer building sleek, responsive, and scalable web applications using **React**, **Next.js**, and **Tailwind CSS**. Skilled in developing **AI-integrated**, **e-commerce**, and **3D interactive applications** with real-time data and authentication using **Supabase**.

Currently exploring **React Fiber**, **WebGL**, and **advanced 3D animations** for immersive UI experiences.

Experience

Freelance/Personal Projects

Frontend Developer



2024-present

- Built 4+ production-level web apps using React ecosystem
- Integrated Supabase for authentication and real-time data
- Followed Git-based collaboration and CI/CD best practices
- Built projects using 3.js, Rive Animations

[https://nikita-goyal.vercel.app/](#)

Projects

3D T-Shirt Customizer

An immersive 3D product customization experience built with React Three Fiber

November 2025

Real-time 3D Customization: Change the T-shirt color instantly and view the results in a dynamic 3D environment.

Dynamic Decals: Select and apply various logos/decals onto the T-shirt surface.

Smooth Animations: Utilizes Framer Motion for sleek 2D UI transitions and Maath/R3F for smooth camera and color changes in 3D.

Screenshot Functionality: Download a PNG image of your customized T-shirt with the click of a button.

Three.js, React Three Fiber, Drei, Valtio, Framer motion

[https://tshirtcustomizer-ruddy.vercel.app/](#)

3D Shoes Customizer

Built an interactive 3D shoe customization app where users can change materials, textures, and colors in real time.

October 2025

- Implemented dynamic lighting, reflections, and camera controls using React Fiber and Drei.
- Added UI for real-time color pickers and fabric switches.
- Optimized model loading with Suspense and GLTF compression.

React fiber, Three.js, Tailwind css

[https://3d-shoes-customizer.vercel.app/](#)

3d Solar System

A realistic 3D solar system simulation built using Three.js with lighting, textures, and animations.

October-2025

- Developed a 3D solar system with rotating planets and orbits using Three.js and WebGL.
- Implemented ambient and point lighting, textured planets, and cube map reflections for realism.
- Integrated camera controls and optimized the render loop for smooth animation.

Three.js, Javascript, Html/Css, Animations, Textures, Lightning

[https://solar-system-3js-orpin.vercel.app/](#)

Memory-Magic

A fun and interactive memory game built using React and Rive, featuring smooth animations .

September-2025

- Developed a responsive and visually engaging memory game using React and Rive animations for interactive UI elements.
- Integrated multiple **text animations** and motion effects.
- Implemented game logic for shuffling and matching ensuring a smooth and challenging experience.

Rive, React, Text animations, ui/ux

[https://memory-magic-three.vercel.app/](#)

Ai-Chatbot

Developed a comprehensive chat SDK integrating DeepSeek's conversational AI.

June-2025

- Implemented secure API key management and authentication protocols for production environments
- Built modular architecture supporting multiple chat interfaces
- Integrated DeepSeek's conversational AI for seamless and context-aware chat experiences.

Ai/ML integration, React.js, Next.js, Tailwind-css, Deepseek Api, Machine learning integration, Api authentication, Typescript

[https://my-ai-chatbot-git-main-nikita-goyals-projects.vercel.app/](#)

Ecobazar Organic E-commerce Website

Developed a complete organic products e-commerce platform using React and React Router

- Implemented essential online shopping features including **shopping cart**, **wishlist**, and **product catalog**
- Integrated **checkout system** with form validation for seamless purchasing flow
- Utilized **Supabase real-time capabilities** for inventory management and order processing

React, React Router, Supabase Database features: user authentication, database storage, real-time capabilities, Tailwind Css

Glassmorphism Dashboard

Designed a visually modern admin dashboard with glassmorphism effects.

july-2025

- Developed a modern, responsive dashboard implementing Apple's liquid glass design aesthetic using Next.js 14+ and shadcn/ui components
- Implemented glassmorphism effects with CSS backdrop-filters and layered transparency for premium user experience.

React, Tailwind, CSS-in-JS, Figma-based design, shadcn, nextjs, apple

[https://liquid-glass-dashboard-git-main-nikita-goyals-projects.vercel.app/](#)

Padre-ginos

Developed a responsive e-commerce platform for pizza ordering using React and modern frontend architecture

Implemented **user authentication**, **shopping cart** functionality, and **wishlist features** with persistent state management

Created **RESTful API integration** for real-time product inventory, pricing, and **order processing**

Built a "Deals of the Day" feature to highlight promotions and increase customer engagement

React, React Router, TanStack, RESTful API, user authentication, API integration, Tailwind css

[https://benevolent-gnome-a309a7.netlify.app/](#)

Education

FreecodeCamp

Web development

Diploma

April 2024

Swami Vivekanand Subharti University

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Certifications

Responsive Web Design

Freecodecamp

April 2024

[https://www.freecodecamp.org/certification/Nikita-goyal/responsive-web-design](#)

Javascript

HackerRank

August 2024

[https://www.hackerrank.com/certificates/81e0b36d99c7](#)

Javascript Algorithms and Data Structures

Freecodecamp

September 2024

[https://www.freecodecamp.org/certification/Nikita-goyal/javascript-algorithms-and-data-structures-v8](#)

Skills

Frontend

HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS

Backend

Supabase, REST API

3D & Animations

Rive, Three.js, Spline, Blender, React fiber

Tools

Git, GitHub, Vercel, Netlify, Render

AI/ ML Integration

UI/UX

Figma, Responsive Design, Accessibility (WCAG), Glassmorphism

NPM/ Yarn

package managers

Frameworks

TypeScript, React Router, useReducer, Context API

Languages

English

Hindi

