Harsh Bajani

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FULL STACK DEVELOPER

Full-stack MERN + Next.js developer | TypeScript | SSR/SSG | React, Node, Express | MongoDB | Docker, AWS | WebSockets/SSE | react-three-fiber, GSAP, Framer Motion | performance & security.

KEY COMPETENCIES

Languages: HTML, CSS, JavaScript, TypeScript

FrameWorks: ReactJs, NextJs, NodeJs, VueJs, ExpressJs

Tools: Github, MongoDB, AWS, Docker, Open-source

Libraries: ThreeJs, React-fiber, GSAP, Framer-Motion

EDUCATION

Uka Tarsadia University	*Bachelor of Technology in Information Technology*	2021-2024
Uka Tarsadia University	*Diploma in Information Technology*	2018-2021

CERTIFICATIONS

Python For Everybody
AWS Certified Cloud Practitioner

PROFESSIONAL EXPERIENCE

Proactii Media LLP   **Sept 2024 - Present**
Full-Stack Developer

Building high-performance web applications using MongoDB, Express, React and Node (MERN) with Next.js for SSR/SSG. I design both frontend and backend systems end-to-end — from architecture and schema design to containerized deployments — focusing on fast, secure, and SEO-friendly products. Experienced with payment/shipping integrations, Docker, deployment on Vercel/Hostinger, API indexing, caching, role-based auth, and DDoS/rate-limit protections.

Accomplishments:

- Built and maintained full-stack MERN applications with Next.js (SSR/SSG), Dockerized for consistent deployments.
- Improved API performance via MongoDB indexing and query optimization; enforced TypeScript type safety across the stack.
- Reduced runtime errors by 90% through stricter validation, typed models and improved error handling.
- Implemented role-based authentication, rate limiting and DDoS protections to secure APIs.
- Integrated payment and shipping solutions; implemented idempotent server-side checkout flows.
- Deployed and maintained apps on Vercel and Hostinger, managed CI/CD and image releases.

The Bears Berlin (Freelancing)   **Sept 2024 - Present**
Full-Stack Developer

Full-stack developer specializing in 3D and interactive web experiences (react + vite, react-three-fiber/three.js). I optimize 3D assets, stream large media from Cloudflare, and craft smooth animations with GSAP / Framer Motion to deliver fast, visually compelling sites.

Accomplishments:

- Developed award-winning 3D/interactive websites using React + Vite, three.js (react-three-fiber) and GSAP/Framer Motion.
- Reduced 3D asset sizes and implemented progressive loading and LOD so pages load quickly on web and mobile.
- Offloaded large dynamic assets (video) to Cloudflare streaming to cut site load and bandwidth usage.
- Built performant client-side animation pipelines and synchronized them with data-driven content for smooth UX.
- Implemented caching and optimized network requests to improve Time-to-Interactive and reduce perceived load times.
- Collaborated with designers and 3D artists to balance fidelity and performance for cross-device compatibility.

Debutify (Freelancing)   **Jan 2025 - Aug 2025**

Frontend / UI Engineer

Frontend engineer at Debutify building template-driven, data-driven eCommerce UIs and maintaining core frontend functionality — API verification, input-driven automated UI generation, validation pipelines, and efficient data fetching.

Accomplishments:

- Built and maintained reusable UI templates and theme components that power Debutify's Shopify-style stores.
- Implemented API verification and strict client/server data validation to guarantee reliable storefront behavior.
- Developed automated UI flows that react to input changes (form-driven UIs and configuration-driven templates), reducing manual setup for merchants.
- Optimized data fetching strategies (SSR/SSG and client hydration where appropriate) to keep storefronts fast and SEO-friendly.
- Created template authoring tools and preview modes so non-technical users could customize stores without code.
- Enforced type-safety and introduced comprehensive unit/integration checks around data models to reduce runtime issues.

Xira Infotech   **Jan 2024 - Sept 2024**

Frontend Developer

Frontend developer focused on cleaning up legacy codebases and shipping polished, production-ready UI — primarily with Next.js / React and Vue.js + Tailwind. Joined projects mid-stream to stabilize code, improve performance, and deliver reusable, type-safe components that speed development and reduce bugs.

Accomplishments:

- Refactored a large, monolithic frontend codebase for Cliniify, modularizing files and enforcing separation of concerns.
- Introduced reusable UI components, TypeScript typings, and Tailwind-based design system to improve developer velocity.
- Rebuilt and enhanced a Vue.js app's UI from scratch — delivering a modern, responsive design and improved UX.
- Optimized bundle size and load performance with code-splitting, lazy loading, and memoization patterns.
- Improved visual polish and accessibility with consistent Tailwind utilities and component-level styling.

Deltabits LLC (Freelancing)   **Jul 2024 - Sept 2024**

Frontend Developer

Built the production UI for Klippie GPT, an AI-driven chat system that generates video and image outputs from user prompts. Responsible for the realtime front-end integration (WebSocket → SSE), robust auth, stream handling, UX states, and component-library implementation to deliver a reliable, production-ready streaming experience.

Accomplishments:

- Built the complete frontend UI for an AI video/image generator (Klippie GPT) using Next.js, Shadcn and Tailwind CSS.
- Implemented real-time streaming of server responses (initially WebSockets, migrated to Server-Sent Events) and handled chunked media generation streams.
- Added comprehensive loading / progress states, optimistic UI where appropriate, and graceful fallback for interrupted streams.
- Integrated robust authentication and session handling to secure streaming endpoints and manage long-running jobs.
- Replaced/standardized component library for consistency and faster development; introduced reusable components and hooks for streaming patterns and error handling.
- Improved developer and user observability by adding detailed stream error handling, reconnection logic, and UX fallbacks.