Alkush Pipania

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Summary

I am a third-year computer science student with a strong foundation in software development and a passion for building dynamic web applications. My work primarily involves **TypeScript**, **React**, and **Node.js**, and I enjoy the creative process of development from start to finish.

Also, I am good at learning new technologies.

Education

Raj Kumar Goel Institute of Technology *Sept 2022 – Oct 2026*
B-Tech in Computer Science

- CGPA: 7+ (currently in 6th semester)

Projects

Platform for Save and Share Links - Carter *carter.fun* ↗

- Save links easily, through which you can share your link anonymously.
- Designed private key-based user authentication for link-saving and retrieval with secure backend support.
- Carter comes with its extension to save links easily.
- Tools Used: Next.js, Prisma, Shadcn, Aivnen

Prompt Generation AI - GOOG *goog-sage.vercel.app* ↗

- Generate prompts based on user input.
- Enabled vector search to have context of past conversations.
- Deep search functionality using Tavily and Deep Think.
- Tools Used: LangChain.js, Next.js, TypeScript, Shadcn, Clerk, Upstash Vector DB, Embedding + Chat Model of Google Studio

AI RAG Domain Generator using LangChain.js *github.com/ai-rag* ↗

- Users provide a detailed prompt of their business.
- An array of domain name suggestions is generated.
- Uses RAG PDF for vector search to provide the best domain name suggestions.
- Tools Used: LangChain.js, Node.js, Gemini

Real Estate Place - Haveli *haveli-3660.vercel.app* ↗

- Create compelling listings, detailing property types, precise locations, amenities, and pricing.
- Tools Used: React.js, Firebase, Tailwind

Skills

- **Languages:** JavaScript, TypeScript, HTML5, CSS3, C++
- **Libraries:** React.js, LangChain.js , etc.
- **Frameworks and Libraries:** Next.js, Hono, React.js, Node.js
- **AI and LLM Tools:** LangChain.js
- **ORMs:** Prisma
- **Actionable skills:** WebSockets, WebRTC , drizzle , docker , turbo-repo
- Typing Speed: 90+ WPM
- **Currently Learning:** DevOps and Web3