

Alkush Pipania

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[visit my site](#)

Summary

Passionate third-year B.Tech Computer Science student with a strong foundation in Generative AI and full stack development. Skilled in building scalable, user-focused web applications using Langchain, vector db, graph db, RAG, TypeScript, Next.js, and Node.js. Dedicated to solving complex problems and continuously learning to deliver innovative, efficient solutions.

Experience

Frontend Developer, Makunai Global, Noida

march 2025 - april 2025

- Developed responsive and user-friendly web interfaces Next.js.
- Collaboration work using git/github

Projects

Platform for Save and Share Links - Carter

[carter.fun](#)

- AI-Powered Platform to Save and Share Links with Chrome Extension.
- Features include Folders, Links, Secret Keys, Trash, and Auto Folder Selection and Retrieval.
- Tech Stack: LangChain, VectorDB, Gemini, Next.js, Node.js.

Prompt Generation AI - GOOG

[goog-sage.vercel.app](#)

- Created an AI tool to generate prompts based on user input with context from past conversations.
- Integrated deep search functionality using Tavily and Deep Think.
- Tools Used: LangChain.js, Next.js, TypeScript, Shaden, Clerk, Upstash Vector DB, Gemini.

AI RAG Domain Generator using LangChain.js

[github.com/ai-rag](#)

- Developed a tool to generate domain name suggestions based on detailed business prompts.
- Utilized RAG PDF for vector search to optimize domain name suggestions.
- Tools Used: LangChain.js, Node.js, Gemini.

G1 Website Builder

[github.com/G1](#)

- A Website to Make Other (nodejs/nextjs) website
- Using Webcontainer technology
- Tools Used: Anthropic, Node.js, Next.js, web container, etc

Technologies

Languages: JavaScript, TypeScript, HTML5, CSS3, C++, python

Libraries: Express, MemoryVectorStore, Vite, React, NextAuth, and many more

Frameworks: Next.js, Hono, Node.js

AI and LLM Tools: LangChain.js, Hugging Face

ORMs: Prisma, Drizzle

Actionable Skills: WebSockets, WebRTC, Drizzle, Docker, Turbo-Repo

Education

Raj Kumar Goel Institute of Technology, B.Tech in Computer Science

Sept 2022 - Oct 2026

- CGPA: 7+ (Currently in 6th Semester)