

Akil Khatri

Gujarat, India

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Skills

Frontend Technologies: Next.js (App Router, SSR, Server Actions), React.js, TypeScript, JavaScript, Tailwind CSS, Shadcn/ui, Redux Toolkit, HTML/CSS

Backend Technologies: Node.js, Express.js, REST APIs, Drizzle ORM, Mongoose, Flask, Appwrite, Supabase

Databases: MongoDB, NeonDB (PostgreSQL), PineconeDB, AstraDB

Generative AI: LangChain.js, Google Gemini API, Vercel AI SDK

Tools: Git, GitHub, Docker, Vercel, AWS (S3), DigitalOcean, Postman, Clerk, Cloudinary, Razorpay, TanStack (React) Query

Programming Languages: TypeScript, JavaScript, Python, C/C++, Java, SQL

Coursework: DBMS, Operating Systems, Data Structures & Algorithms, Computer Networks, Computer Architecture

Summary

Full-Stack Engineer specializing in Next.js and React, with strong experience building scalable, production-ready web applications using TypeScript and Node.js. Proven ability to develop modern SaaS platforms with server-side rendering, authentication, payments, and cloud deployment. Experienced in integrating Generative AI workflows using LangChain and vector databases, designing secure REST APIs, and deploying applications on AWS, Vercel, and DigitalOcean.

Projects

ChatPDF - AI Software as a Service (SaaS)

Code: github.com/akilkhatri104/chatpdf-saas

Visit: chatpdf-saas-yji4j.ondigitalocean.app

- Lightweight SaaS for conversational PDF search and QA built with Next.js and modern vector/LLM tooling.
- This app lets users upload PDF documents, create vector embeddings, and provides a chat-style interface to ask questions over documents. It includes user auth, storage, optional payments, and uses common vector DB and LLM tooling.
- Stack: Next.js (app router), React + TypeScript, TailwindCSS, LangChain / @langchain packages, Pinecone (vector DB), AWS S3 for file storage, NeonDB + Drizzle ORM for relational metadata, Clerk for authentication, Razorpay for payments, React Query for data fetching and mutations, Other libs: axios, md5, nanoid, react-dropzone

Video Sharing Platform (Backend)

Code: github.com/akilkhatri104/videotube-javascript-backend

- A backend API project built with Node.js, Express, and MongoDB that provides functionality similar to YouTube. This project implements various features like user authentication, video management, likes, comments, tweets, and more.
- Features include Authentication & Authorization, User Operations, Video Management, Social Features, Playlist Management, and more.
- Stack: Node.js, Express.js, MongoDB with Mongoose, JWT for authentication, Bcrypt for password hashing, Cloudinary for media storage, Multer for file handling

Blog Website

Code: github.com/akilkhatri104/reactblog

Visit: reactblog-six.vercel.app

- A React-based blogging platform using Appwrite for backend services.
- Features include user authentication with Appwrite, Creating, editing, and deleting blog posts, rich text editor integration with TinyMCE, and Responsive design using Tailwind CSS.
- Stack: React.js, Tailwind CSS, Appwrite

Education

Parul University

B.Tech in Artificial Intelligence

Sept 2023 - Present

CGPA: 8.41