



Technologies Used

AI_Chat_Box

- By karan kumar

Key Features

- ◆ Real-Time User-to-User Chat
- ◆ Group Chats
- ◆ NextAuth authentication
- ◆ Send images and videos
- ◆ Dark Mode

Technologies and Dependencies

Next.js

Utilized for server-side and client-side rendering. It enhances performance by improving load times and optimizing SEO with dynamic rendering.

TypeScript

Used to minimize errors and enable better debugging, providing strong typing, improving code quality, and reducing bugs during development.

NPM

The package manager for installing and managing dependencies and libraries that streamline the development process of the application.

Tailwind CSS

A utility-first CSS framework for creating responsive, customizable, and well-structured user interfaces in an efficient manner.

Technologies and Dependencies

Headless UI

A collection of unstyled, accessible UI components for React. It offers foundational elements like modals and dropdowns that can be styled and customized according to the application's design requirements.

React

A JavaScript library for building user interfaces with a component-based architecture. It allows developers to create interactive and reusable UI components, making it easier to manage and update user interfaces.

Prisma

A database toolkit that provides a modern, type-safe query builder and ORM for TypeScript and Node.js. It simplifies database interactions by generating a type-safe API for your database schema.

Technologies and Dependencies

MongoDB

A NoSQL database designed for high performance and flexibility. It stores data in JSON-like documents, making it well-suited for applications that handle varied or complex data structures, like chat applications.

NextAuth

An authentication solution for Next.js applications. It simplifies the implementation of secure login and session management, supporting various authentication providers and strategies.

Zustand

A state management library for React that is known for its simplicity and speed. It provides an easy way to manage global state with minimal boilerplate and a straightforward API.

Technologies and Dependencies

Pusher

A real-time communication service that facilitates the addition of live data features, such as notifications and chat updates, to web and mobile apps. It manages real-time messaging and event broadcasting.

Cloudinary

A cloud-based media management service that handles image and video upload, storage, and delivery. It offers powerful tools for media optimization and responsive delivery to enhance application performance.

Zustand

A state management library for React that is known for its simplicity and speed. It provides an easy way to manage global state with minimal boilerplate and a straightforward API.

Future Updates

OpenAI API

Enables AI-driven conversation features by integrating with OpenAI's language model to provide users with intelligent and interactive chatbot functionality.

Zegocloud

Offers API and SDK for implementing real-time audio and video calling features, adding seamless communication through voice and video in the chat platform.

*Thank
you!*