

Aazim Sadan

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PROGRAMMING SKILLS

- **Languages:** TypeScript, JavaScript, C/C++
- **Technologies:** React.js, Next.js, Express.js, Node.js, MongoDB, PostgreSQL, SQL, Tailwind, Shadcn
- **Other Skills:** RESTful API, API integration, Postman, Firebase, Stripe, Socket.IO, Git

PROJECTS

- **SummAIze — AI-Based PDF Summarizer**
GitHub Live Demo
Stack: Next.js, PostgreSQL, Langchain, OpenAI, Gemini AI, Stripe, Shadcn, Motion
 - **PDF Summarization:** Enabled users to upload PDFs and receive accurate AI-generated summaries using OpenAI, Gemini, and Langchain, boosting productivity and reducing reading time.
 - **Dual AI Integration:** Integrated OpenAI and Gemini with fallback logic to ensure reliable, accurate summaries even if one model fails.
 - **Langchain Pipelines:** Leveraged Langchain to parse multi-page PDFs into raw text and build prompt chains with memory for accurate summarization.
 - **Frontend Engineering:** Crafted a responsive UI with Shadcn and Tailwind, Enhanced with Framer Motion for smooth animations and improved user experience.
 - **Payment Integration:** Built a secure payment flow with Stripe for Basic and Pro subscriptions, leveraging webhooks for real-time subscription updates.
- **Meow Talk — Real-time Chat Application**
GitHub Live Demo
Stack: Node.js, MongoDB, React.js, Redux-Toolkit, Socket.io, Firebase
 - **Real-Time Messaging:** Enabled one-on-one and group messaging with live updates using Socket.io and Firebase for online presence tracking.
 - **Media Sharing:** Supported images, videos, PDFs, and contact sharing; included message scheduling functionality.
 - **MongoDB Aggregation:** Extensively used aggregation pipelines for efficient querying, message threading, and group-level analytics.
 - **Search Optimization:** Implemented full-text search with MongoDB indexing and front-end debouncing for fast and responsive search.
 - **Customizable UI:** Included user theme switching and message deletion for a personalized chat experience.
- **AceMock AI — mock interview**
GitHub Live Demo
Stack: React.js, TypeScript, Gemini AI, Redux-Toolkit, Firebase
 - **AI Integration:** Integrated Gemini AI to simulate adaptive mock interview sessions tailored to user profiles.
 - **Frontend Architecture:** Built using React and Typescript to ensure type safety and a scalable component structure.
 - **Firebase Integration:** Secured login with Firebase Auth, enabled real-time data via Firestore, and deployed using Firebase Hosting.

EDUCATION

- **Indira Gandhi National Open University** Delhi, India
Master of Computer Application July 2023 – Present
- **Indira Gandhi National Open University** Delhi, India
Bachelor of Computer Application 2022