ANKIT SINGH

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SUMMARY

FRONTEND ENGINEER / SOFTWARE ENGINEER (SDE-1)

Frontend Engineer with 1+ year of experience building scalable, high-performance web applications.
Experienced in React, Angular, Next.js, JavaScript, TypeScript, REST APIs, and Firebase.
Strong in converting Figma designs into pixel-perfect UI, performance optimization, and modular architectures.

WORK EXPERIENCE

OOPAR CLUB

Software Engineer I | Frontend Developer   Aug'2024 - Present

- Built and optimized a mobile-first PWA using Angular & Ionic, improving load time by ~30%.
- Converted **Figma designs into functional UI** using HTML, CSS, TypeScript & Angular components.
- Developed real-time features using Firebase Auth, Firestore, and Cloud Functions..
- Implemented lazy loading and modular architecture, reducing initial bundle size.
- Optimized chat page performance by reducing unnecessary re-renders and improving state management, resulting in faster message load and smoother UI interactions.
- Implemented efficient message rendering using pagination / virtual scrolling to handle large chat histories without UI lag.
- Collaborated with backend & design teams to ship features rapidly while maintaining UI/UX consistency.
- Automated internal workflows using **Python scripts** for analytics & data housekeeping.

PROJECTS

Google Docs Clone – [LINK](#)

Next.js | React | Firebase | Quill.js | Material-UI

- Built a **real-time collaborative editor** with Firebase sync and authentication.
- Designed a **responsive layout** optimized for desktop/mobile.
- Implemented authentication, autosave, and scalable component architecture

RAG Chatbot with News Integration – [LINK](#)

Node.js | Express | FAISS | Jina AI | Redis | Gemini API

- Developed a **Retrieval-Augmented Generation chatbot** with real-time memory using Redis.
- Created document chunking, embedding pipelines, and API endpoints for chat and ingestion.
- Integrated Gemini for intelligent context-aware responses.

Star Wars UI App – [LINK](#)

React | Tailwind | REST APIs

- Built an interactive UI with animations, API consumption, and reusable components
- Demonstrates UI creativity + frontend problem-solving.

TECHNICAL SKILLS

Python | Angular | Next.js | React Js |JavaScript | TypeScript | Firebase | Git | HTML | CSS | Tailwind CSS | MongoDB | Express Js | MySql | Git | Gen-AI

EDUCATION

Galgotias University, India
B.Tech in Computer Science & Engineering | 2020 - 2024 | CGPA: 7.78