Akshat Saxena

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JOB OBJECTIVE

To pursue a highly rewarding career, seeking for a job in challenging and healthy work environment where I can utilize my skills and knowledge efficiently for organizational growth.

Current Location: India
Passport: Indian passport with validity till 2028

TECHNOLOGY

Key technologies	Key technical skills
Languages	Java, Python
Framework	ReactJS, NodeJS, ExpressJS, NextJS, Vite JS
Java / J2EE	Core Java
Internet Technologies	HTML, CSS, Java Script
Database Management	Google Firebase & My SQL
Software Engineering & Methodologies	SDLC, Waterfall & Agile.
Design Methodolgies	Object Oriented Analysis and Design.
Platforms	Windows & Dos.
Editors	Visual Studio Code, Jet Brains

Live Projects:

Collab Craft

Tech Stack: Next.js, TypeScript, Convex, Clerk Auth, Lemon Squeezy
Hosting: Vercel
Role: Full Stack Developer

Live Link:

Description:
Developed a real-time collaborative SaaS code editor that enables multiple users to write, edit, and manage code simultaneously with seamless live synchronization. Built a fully dynamic, workspace-based environment with role-based access, persistent storage, user authentication, and secure project sharing. Designed the platform to be fast, reliable, and scalable—providing a smooth developer experience similar to modern cloud-based IDEs.

Key Responsibilities:

- Engineered the full frontend using **Next.js + TypeScript** with a clean, responsive UI and smooth editor interactions.

- Implemented real-time collaboration and state synchronization using **Convex**, enabling instant multi-user editing.

- Integrated **Clerk Authentication** for secure sign-in, organization handling, and user identity management.

- Added workspace creation, file/folder management, code editor panels, and live updating across all connected users.

- Integrated **Lemon Squeezy** for subscription management, paywall logic, and access control for premium features.

- Architected backend logic with Convex functions for real-time document storage, versioning, and permission systems.

- Deployed the platform on **Vercel**, ensuring high performance, low latency, and consistent production delivery.

- Focused on system scalability, real-time performance optimization, and a smooth multi-user collaborative workflow.

SpaceCraft AI

Tech Stack: React.js, Vite, Node.js, Express, Supabase, Clerk Auth, Replicate AI
Hosting: Frontend – Vercel | Backend – Render
Role: Full Stack Developer

Live Link: https://ai-staging-app-frontend.vercel.app/

Description:

Developed an AI-powered interior visualization platform that transforms empty room images into fully furnished, realistic interiors based on user prompts. Implemented advanced image-to-image generation workflows, prompt processing, and a modern, responsive UI for seamless room customization. Designed the system to deliver high-quality, photorealistic renders with efficient API integration and smooth user experience across devices.

Key Responsibilities:
- Built the entire frontend using **React.js + Vite**, focusing on performance and clean UI design
- Developed backend APIs with **Node.js & Express** to handle image uploads, prompt requests, and AI model interactions.
- Integrated **Replicate AI** for real-time image generation and interior rendering.
- Implemented secure user authentication using **Clerk**.
- Configured **Firebase** as the primary database for storing user data, project history, and image metadata.
- Deployed backend services on **Render** and frontend on **Vercel** for fast, reliable delivery.
- Ensured smooth communication between frontend and backend with optimized REST API structures.
- Focused on scalability, high-quality output rendering, and intuitive end-user workflow.

Personal Data

Education
Passed Secondary Education From Gyan Vihar School, Jaipur, Rajasthan; Year of Passing: 2021; Pass Percentage: 70%
Passed Senior Secondary Education From LBS Public School, Jaipur, Rajasthan; Year of Passing: 2023; Pass Percentage: 70%
Pursuing Bachelors in Technology in Artificial Intelligence and Machine Learning by Xebia from JECRC University . (2023-2027)

Personal Details
Date of Birth: 4th March, 2005 Gender: Male Marital Status: Unmarried Nationality: Indian