MOHAMMED SAHIL KHAN

+91 8303678099 • **mohammedsahilkhan.msk@gmail.com** • **Linkedin** • **Github** • **Portfolio**

EDUCATION

B.Tech, Computer Science Engineering   Allenhouse Institute of Technology, Rooma, Kanpur   Jul 2019 - Jul 2023

High School   International Indian School , Dammam,Kingdom of Saudi Arabia   Mar 2018 - Mar 2019

Secondary School   International Indian School , Dammam,Kingdom of Saudi Arabia   Mar 2016 - Ma r2017

TECHNICAL SKILLS

Programming Languages: Python , JavaScript, TypeScript, SQL

Libraries and Frameworks: NextJS, ReactJS, NodeJS, Tailwind CSS, Bootstrap , NodeJS, GSAP, Shadcn

Tools: Git, Github, Postman API, Kaggle ,ThunderClient

PROJECTS

DocsSphere   Sep 2024 - Oct 2024

Tech Stack: Next.js, TypeScript, Clerk, Liveblocks, Sentry, Vercel,Shadcn

- Engineered an innovative document collaboration tool integrated with Clerk authentication; enabled Google sign-ins which improved user engagement by reducing account creation friction and increasing active daily users.
- Integrated Liveblocks for real-time document collaboration, allowing multiple users to edit or view documents simultaneously.
- Implemented access control, enabling users to share documents with varying levels of permission (view/edit).
- Utilized Sentry for monitoring and code fixes, ensuring stability and security.
- Deployed on Vercel, offering fast and reliable performance for users.

CarePulse   Oct 2024 - Nov 2024

Tech Stack: Next.js, TypeScript, Appwrite, Zod, Twilio, Shadcn, Vercel

- Developed a healthcare management platform enabling users to register, input health information (allergies, medical/family history, primary physician), and verify their identity.
- Created an appointment system where users can request appointments with doctors, specifying timing and preferences. Requests are visible on an admin dashboard, allowing scheduling or cancellation with notifications sent to users via Twilio.
- Integrated admin controls to manage appointment statuses (pending, scheduled, canceled), with flexibility to adjust doctor/timing based on availability.
- Deployed on Vercel, ensuring secure and responsive performance for users**.**

StoreIt   Apr 2024 – Jun 2024

Tech Stack: Next.js, TypeScript, Appwrite, Tailwind CSS, Radix UI, Zod, Shadcn,

- Developed a modern file storage and management platform with responsive design and real-time updates for seamless user interaction.
- Implemented secure authentication and file handling with Appwrite , ensuring data safety and user privacy.
- Designed advanced UI components using Radix UI and Tailwind CSS, enhancing user experience and accessibility.
- Utilized React Hook Form and Zod for efficient form handling and validation, streamlining user workflows.
- Deployed on Vercel for fast, reliable performance and global availability.

ACHIEVEMENTS

- Solved 700+ questions on **LeetCode**.
- Planned, organized, and executed the annual H.R. Symposium in college.
- Held the position of Head of Communication for the Computer Science Association in college.