Soha Chauhan

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EDUCATION

Institute of Technology, Nirma University, Ahmedabad	Sep 2022 - June 2026
B.Tech., Major in Computer Science and Engineering, Minor in Accounting and Finance	*CGPA: 8.27/10*
Hosanna Mission School, Ahmedabad	June 2021 - April 2022
GSEB 12th Science-PCM	*Percentage: 85.54%*
Hosanna Mission School, Ahmedabad	June 2019 - April 2020
GSEB 10th	*Percentage: 87.00%*

SKILLS & COURSES

Programming Languages :HTML, CSS, JavaScript, C, C++, Python, Java.

Technologies and frameworks : NextJS, ReactJS, Node.js, ExpressJS, MongoDB, Tailwind CSS, Bootstrap, Streamlit, AWS, Vercel, Version Control using Git, Tableau.

Courses: Full-Stack Web Development, Data Structures, Design & Analysis of Algorithms, Machine Learning, Deep Learning, Object-Oriented Programming, Database Management Systems, Operating systems, Data Analysis and Visualization, Software Engineering, Cloud Computing, Computer Networks

Soft Skills : Detail-Oriented, Creativity, Adaptable, Critical Thinking, Team Collaboration, Problem Solving, Presentation Skills, Communication Skills, and Organization.

KEY PROJECTS

Portfolio Website

https://sohachauhan.vercel.app/
- Built a fully responsive and animated personal portfolio website using Next.js, Tailwind CSS, and Framer Motion.
- Features include: dark/light theme toggle using shadcn and a contact form that sends emails using EmailJS. Showcases various sections such as About Me, Projects, and Education with smooth transitions.

Soha Fashion's Website

https://sohafashion.co.in
- A responsive website for Soha Fashion using Next.js, Tailwind CSS, and MongoDB.
- Admin side features include: Product Management(New Product Upload, Delete, Edit, Change Category, etc.)

BlinkLink - LinkTree Clone

https://blinklink-smoky.vercel.app/
- A responsive and easy to use webapp, clone of LinkTree, with similar features using Next.js, Tailwind CSS, NextAuthJS, ExpressJS, and MongoDB.
- Features Include: Login / Signup with email / Google, personalized page setup with custom URL where he/she can put various links to social media accounts and websites.

Fire and Smoke Detection System & Alert System

https://fire-and-smoke-detection-and-alert-system.streamlit.app/
- Developed a real-time web app using YOLOv8 to detect fire/smoke in uploaded videos.
- Features include object tracking (DeepSort), SMS alerts via Twilio, JSON-based detection logs, and output videos with highlighted anomalies.

AI notes app

https://ai-notes-app-soha.vercel.app
- A sleek, modern note-taking app powered by AI.
- Built with: Next.js 14 (App Router), TailwindCSS & shadcn/ui, Supabase (auth + data storage), React Query for data fetching/caching, Responsive & accessible UI, Light/Dark mode toggle
- Features include: Add, view, favorite, and summarize your notes with the help of an AI summarization API.

RESEARCH

Conference Paper	8th IET Smart Cities Symposium

Intrusion Detection System using Deep Learning for Smart Infrastructure
- https://ieeexplore.ieee.org/document/10949312