

# Soha Chauhan

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## EDUCATION

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| <b>Institute of Technology, Nirma University, Ahmedabad</b><br><i>B.Tech., Major in Computer Science and Engineering, Minor in Accounting and Finance</i> | Sep 2022 - June 2026<br><i>CGPA: 8.20/10</i>        |
| <b>Hosanna Mission School, Ahmedabad</b><br><i>GSEB 12th Science-PCM</i>  | June 2021 - April 2022<br><i>Percentage: 85.54%</i> |
| <b>Hosanna Mission School, Ahmedabad</b><br><i>GSEB 10th</i>  | June 2019 - April 2020<br><i>Percentage: 87.00%</i> |

## 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>