

Soha Chauhan

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EDUCATION

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

AWARDS AND ACHIEVEMENTS

- * **2023** Top 30 among 90+ teams in the Smart India Hackathon, Nirma University Chapter

RESEARCH

Conference Paper

Intrusion Detection System using Deep Learning for Smart Infrastructure

- * <https://ieeexplore.ieee.org/document/10949312>

8th IET Smart Cities Symposium