

# Soha Chauhan

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## EDUCATION

<b>Institute of Technology, Nirma University, Ahmedabad</b> <i>B.Tech., Major in Computer Science and Engineering, Minor in Accounting and Finance</i>	Sep 2022 - June 2026 <i>CGPA: 8.28/10</i>
<b>Hosanna Mission School, Ahmedabad</b> <i>GSEB 12th Science-PCM</i>	June 2021 - April 2022 <i>Percentage: 85.54%</i>
<b>Hosanna Mission School, Ahmedabad</b> <i>GSEB 10th</i>	June 2019 - April 2020 <i>Percentage: 87.00%</i>

## INTERNSHIP EXPERIENCE

<b>TechForbs Services Pvt Ltd</b> <i>Web Developer Trainee</i>	02 May, 2025 - 04 July, 2025
<ul style="list-style-type: none"><li>Completed a full-time internship at TechForbs. Gained hands-on experience in real-world software development and industry-standard workflows, enhancing technical skills and bridging academic learning with professional practices</li><li>Key Skills: Front-End Web Development, WordPress, Web Design, Web Services, Shopify</li></ul>	

## 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

### Spenza - Expense Tracker App

<https://spenza.vercel.app/>

- Full-stack app for tracking expenses, setting budgets, and visualizing spending using Next.js, TailwindCSS, MongoDB, NextAuthJS, Recharts.
- Features secure login, real-time management, and a mobile-friendly UI.

### 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.

## RESEARCH

### Conference Paper

*Intrusion Detection System using Deep Learning for Smart Infrastructure*

8th IET Smart Cities Symposium

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