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: 8.20/10*

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%*

INTERNSHIP EXPERIENCE

TechForbs Services Pvt Ltd 02 May, 2025 - 04 July, 2025
Web Developer Trainee

- 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
- Key Skills: Front-End Web Development, WordPress, Web Design, Web Services, Shopify

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 8th IET Smart Cities Symposium
Intrusion Detection System using Deep Learning for Smart Infrastructure

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