

# 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: 8.27/10</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>

## SKILLS & COURSES

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

**Technologies and frameworks** : NextJS, ReactJS, Node.js, ExpressJS, MongoDB, Tailwind CSS, Bootstrap, 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

### 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://github.com/SohaChauhan/blinklink>

- 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.

### Other Projects

<https://github.com/SohaChauhan/>

- Engineered an automatic plant watering system using Arduino, achieving water savings by optimizing moisture detection and automatic watering, increasing efficiency in plant maintenance by reducing manual intervention
- Developed a food ordering and menu management system in Java, reducing customer wait times and streamlining order processing by automating of menu management tasks
- Periodic table implementation using C Language

## AWARDS AND ACHIEVEMENTS

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

## VOLUNTEERING

- \* Volunteer at Rainbow Force Foundation, Ahmedabad — 20 days
  - Managed NGO's website and social media accounts, Provided tutoring to children in remote villages, Coordinated the collection and distribution of old clothes, toys, shoes to homeless individuals.

## RESEARCH

### Conference Paper

*Intrusion Detection System using Deep Learning for Smart Infrastructure*

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

8th IET Smart Cities Symposium