

SIMAR KOCHAR

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Education

Vellore institute of Technology Bhopal, India	2022 - 2026
• CGPA: 8.93	(expected)
Satya Prakash Public School, India	2021 - 2022
• CBSE (Class XII), Aggregate: 92.6%	
Akal Academy Baru Sahib, India	2019 - 2020
• IGCSE(Cambridge) (Class X), Aggregate: 78.8 %	

Skills

Programming & Frameworks: Python, Java, JavaScript, Node.js, React, Express.js, EJS

Databases: MongoDB, MySQL

Web Development: HTML, CSS, Bootstrap

Tools & Others: Git, Version Control Tools

Core Subjects: Operating System, Database Management System, Computer Networks, OOPs, DSA

Projects

TaskFlow / (React, Context API, Local Storage)

- Developed a task management system using React, Context API, and Local Storage.
- Implemented authentication for admin and employees, with dedicated dashboards for task assignment, tracking, and management.

Thrive / (Nodejs, Express, React, MongoDB, ML, Python)

- Developed a web-based diet recommendation system that provides personalized diet plans based on users' BMI.
- Built an interactive website to collect user data and generate diet recommendations.
- Implemented BMI-based classification to suggest optimal meal plans.
- Utilized web technologies and data-driven algorithms to enhance user experience.

Academic and Extracurricular Achievements

- Completed a **12-week** Privacy and Security on Online Social Media from NPTEL (IIIT Hyderabad) with an **83%** score, ranking in the top **5%**.
- Committed to the **100 Days of Code** challenge, solving one DSA problem daily for **100** days, enhancing coding consistency and logic-building skills.

