

Anoorag Singh

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EDUCATION

Chandigarh Engineering College

Bachelor of Technology in Information Technology

- CGPA: **9.14 (Top 1%)** ([3rd Semester](#))

Mohali, Punjab

August 2023 - June 2027

Gyanodaya Public School

Senior Secondary (CBSE)

- CGPA: **8.9**

Sikar, Rajasthan

March 2021 - March 2022

PROJECTS

Smart Shelf | [Live](#) | [GitHub](#)

- Built a full-stack, browser-based kitchen inventory system using **JavaScript**, **HTML/CSS**, and **localStorage** with **light/dark mode**, expiry alerts, and shopping list export — **improved usability by 90%**.

CPU-SchedSim | [Live](#) | [GitHub](#)

- Developed a **C++**-based simulator replicating real CPU behavior with **FCFS**, **SJF**, **Round-Robin**, **Priority scheduling**; achieved **85% simulation accuracy** and demonstrated key **system design** principles.

Mind Minute | [Live](#) | [GitHub](#)

- Created a responsive, dependency-free **wellness web app** using **HTML**, **CSS**, and **JavaScript** for breathing and yoga routines — **boosted engagement by 70%** via improved session length.

Student Finance Tracker | [Live](#) | [GitHub](#)

- Implemented a personal finance tool with **Chart.js**, category filters, and **offline support** using **localStorage**; achieved **75% accuracy** in budgeting insights from test case validation.

TECHNICAL SKILLS

Programming Languages : C++, C, JavaScript

Development :HTML, React.js, TailwindCSS, Bootstrap, Node.js, Express.js

Database Systems: MongoDB, MySQL

Dev Tools : Git, GitHub, VS Code

Relevant Coursework : Data Structures Algorithms(A+), Object-Oriented Programming(A+), Computer Networks(A+), Operating Systems(A+), Design Analysis of Algorithms(A+)

ACHIEVEMENTS AND CERTIFICATIONS

Smart India Hackathon — 1st Semester | [Certificate](#)

Oct. 2023

- Led a 6-member team to develop a functional prototype; secured **Top 10% selection** in the internal round.

SAP Labs Hackathon | [Link](#)

April 2025

- Built hybrid AI model with **92% anomaly detection accuracy**.

ISRO Workshop on GIS and Remote Sensing | [Certificate](#)

Nov. 2024

- Completed all GIS and remote sensing modules from **ISRO Outreach Program**.

Google Cloud Study Jams | [Certificate](#)

Feb. 2025

- Configured GCP VMs and infrastructure; **completed 5+ hands-on labs**.

NPTEL DAA Examination | [Certificate](#)

Sep. 2025

- Department topper** in NPTEL DAA national examination.

LEADERSHIP SKILLS

Hackathon Team Lead

Nov. 2024

Chandigarh Engineering College

Mohali, India

- Accomplished a **semi-finalist** position as measured by **60%** project completion within deadline by leading a 5-member team and streamlining task delegation.

Class Representative

Jan. 2025 – Present

Information Technology Dept., CEC

Mohali, India

- Accomplished **80%** resolution of student academic concerns as measured by feedback forms by coordinating with faculty and initiating structured communication.