

Aditya Kumar Singh

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EDUCATION

Thapar Institute of Engineering and Technology

Patiala, India

B.E in Computer Science and Engineering (CGPA: 7.92)

September 2022 - Present

- Proficient in Data Structures, Algorithms, Operating systems, Computer Networks, etc.

SKILLS & INTERESTS

Languages: C/C++ | Python | JavaScript | HTML | CSS | SQL

Developer Tools: Visual Studio Code | Git | Jupyter Notebook | GitHub

CS fundamentals: Computer Programming | Data Structures | Operating Systems | Computer Networks | Algorithms | Artificial Intelligence | Database Management | Software Engineering

Non-Technical Skills: Graphic designing | Video editing | Communication skills | Team motivation | Problem Solving | Time management

Projects

Tic Tac Toe game

Tech stack used: HTML / CSS / JavaScript

September 2024

- Designed a responsive toggle button to change themes.
- Helped understand the importance of **events** in JavaScript.
- Learnt Deploying websites through GitHub.
- **Deployed** on GitHub: <https://iamaksingh.github.io/Tic-Tac-Toe/>

Stock prediction using python

Libraries used: matplotlib, pandas, sklearn

September 2024

- Used **Linear Regression** model to predict stock values.
- Obtained **70-85% R² score** on common indexes like NIFTY50, Sensex.

Hostel Management System

Tech stack used: HTML / CSS / JavaScript

March 2024 – May 2024

- Implemented **vanilla CSS** for better and **customized styling**.
- Room booking functionality with real-time availability.
- **User-friendly** complaint submission and tracking system.

Position Of Responsibility

Spicmacay-TIET

Patiala, India

Member – graphic designer and event management

November 2023 – Present

- Organized and coordinated events with an average attendance of **400 participants**, overseeing logistics, vendor management and on-site operations to ensure smooth execution and attendee satisfaction.
- **Researched current design trends** to ensure designs remain relevant and up-to-date.
- **Produced** projects for **advertising** and **informational purposes**.

Licenses and Certifications

Data Structures and Algorithms in C/C++

Udemy

Author-Abdul Bari

July 2023 - August 2023

- Implemented abstract data structures like arrays, linked lists, graphs, stacks, queues.

Virtual software engineering simulation

Forage

By - JP morgan Chase

August 2023

- Setting the dev environment by installing python, forking and cloning the starter repo and installing project dependencies.
- Learned using git (version control).