Aditya Garg

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Bachelor of Technology
The LNM Institute of Information Technology, Jaipur

🌐 Portfolio
in LinkedIn Profile
○ GitHub Profile
🌐 Codeforces
🌐 Codeforces
📍 Kanpur, Uttar Pradesh, India - 208002

Education

- **Bachelor of Technology in Computer Science and Engineering** *December 2021 - May 2025 (Expected)*
  The LNM Institute of Information Technology, Jaipur CGPA: 8.04
- **Class XII** *March 2019 - March 2020*
  Sir Padampat Singhania Education Centre, Kanpur Percentage: 95.2%
- **Class X** *April 2017 - March 2018*
  Sir Padampat Singhania Education Centre, Kanpur Percentage: 97%

Projects

- **AnonChat** *December, 2023*

  A group chatting webapp allowing users to send messages anonymously.

  It is a chatting app which allows users the authenticated users of AnonChat to create and join chatrooms.

  - Developed 4 different pages as **front-end** using React.
  - Established **back-end** server, MySQL for database, Node for 10 API end-points and Express for server.
  - Utilised **socket** server allowing clients to communicate with server.
  - Provided e-mail service using **gmail API** and **nodemailer** for 6 digit verifying OTP.
  - Visit GitHub Repository or Deployed URL
  - Technologies Used: MERN - **Socket.io (Web Socket Implementation)**, **React**, **MySQL**, **Express**, **Node, REST APIs, Google Console** and **Tailwind**

- **Portfolio Website** *July, 2023*

  Created a personalized website displaying an overview and featuring a contact form for visitor messages.

  - Developed **front-end** using HTML, CSS and Javascript (Vanilla JS)
  - Established **back-end** using Firebase collecting 5 different form inputs.
  - Visit GitHub Repository or Website
  - Technologies Used: **HTML**, **CSS**, **Javascript** and **Firebase (NoSQL)**

- **Game Automation Bot Using Image Detection** *May, 2023*

  Automated several tasks of the game "Hay Day" after overlaying it by the script.

  - Utilized Pyautogui library is used for **I/O handling**. (utilized 5 + user defined functions)
  - Implemented **Image Processing** to determine current state (11 unique images templates).
  - Initiation with only 6 inputs.
  - See GitHub Repository or Watch Bot in action on YouTube
  - Technologies Used : **Python**, **OpenCV** and **Image Processing**

Skills

- **C++, Python and Java**
- **Data Structures and Algorithms**
- **Socket.io**
- **React, Express, Node, HTML, CSS, Javascript**
- **MySQL (relational)** and **Mongodb (non relational)** databases
- Relevant Courses Include:
  * Data Structures and Algorithms
  * Advanced Programming (**Object Oriented Progamming OOPs**)
  * Artificial Intelligence
  * Natural Language Processing
  * Software Engineering

Experience

- **Teaching Assistant for IDBMS course at LNMIIT, Jaipur** *August 2023 - November 2023*
  * Enhanced proficiency in MySQL databases.
  * **Mentoring 200+ students** with MySQL basics.

Position of Responsibility

–**Competitive Programming Lead**   *May, 2023 - Present*
 Google Developer Students Club, LNMIIT Jaipur

  * Joined as problem setter in a team of **13**.
  * Organized events **managing 200+ participants** crowd with GDSC team with adept coordination and interpersonal abilities.
  * **Mentoring 10+ students** for competitive programming in C++.

Hobbies

Listening to Old Hindi Songs
Playing Football

Achievements

–**Attained Global Rank 373** at Google Kickstart 2022 among 10,000+ participants
–**Achieved Global Rank 343** in Codeforces Round 836 (rated only)