

ARYAN SINDHAV

New Delhi, India

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EDUCATION

Maharaja Agrasen Institute of Technology

New Delhi, India

Bachelor of Technology in Electrical and Electronics Engineering | **CGPA:** 9.03 / 10.0

December 2020 – Present

Relevant Coursework: Fundamentals of Computer, Introduction to Programming in C, Data Structures and Algorithms, Linux, Database Management Systems.

Vandana International School

New Delhi, India

High School in PCM with English | **CGPA:** 8.3 / 10.0

June 2018 – June 2020

SKILLS

Programming Languages

Proficient: C++, HTML/CSS | **Familiar:** JavaScript, SQL

Web Development

Front-end: React/Redux, Bootstrap | **Back-end:** NodeJS, Express, MongoDB, MySQL

Tools and Infrastructure

Git, Visual Studio Code, Amazon Web Services (AWS), Ubuntu, Windows

WORK EXPERIENCE

Coding Ninja

New Delhi, India

Teaching Assistant

February 2022 - Present

- Assisted **80+** students in learning **C++** and **Data Structures**.
- Took doubt sessions and resolved more than **600** doubts.

Google Developer Student Club (GDSC)

New Delhi, India

Technical Lead

December 2021 - Present

- Supporting fellow team members with regular task and activities.
- Spreading information about new events and workshops.
- Helped **100+** freshers and students for DSC (Developer Student Club).
- Learning and attending events and workshops.

Freelance Web Development

New Delhi, India

Web Development

May 2021 - Present

- Developed over 10 websites for different purposes using HTML/CSS, JavaScript, PHP, and MySQL.
- Portfolio:

ACADEMIC PROJECTS

Sorting Visualizer | [Github](#)

- Built **React / Redux** application for *visualizing sorting algorithms*.
- Implemented **Merge Sort**, **Quick Sort**, **Heap Sort**, and **Bubble Sort**.
Languages and Frameworks: JavaScript, NodeJS, JOSN, HTML, CSS, React/Redux.

Pathfinding Visualizer | [Github](#)

- Built **VanillaJS** application for *visualizing pathfinding and maze-generation algorithms*.
- Implemented **9** different algorithms and co-developed unique pathfinding algorithm based on **A* Search** and **Dijkstra's Algorithm**.
Languages and Frameworks: JavaScript, NodeJS, JOSN, HTML, CSS.

ACHIEVEMENTS & ACTIVITIES

- Finalist** in 2019 Indian National Mathematics Olympiad (INMO).
- Volunteered** as a **Social Work Intern** for [Aashman Foundation](#) and worked from systems-based position to identify needs, establish intervention plans, and collaborate with agencies offering additional support.
- Also participated in **Fundraising events** and **opportunities**.

CERTIFICATIONS

- Meta** certified Front-End and Back-End Developer.