


# AKSHAT AGGARWAL

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## EDUCATION

National Institute of Technology, Hamirpur

Bachelor of Technology, Computer Science & Engineering, CGPA: 9.69

Hamirpur

Dec 2020 - Present

The Scholars' Home

Higher Secondary (12th), Percentage: 97

Paonta Sahib

Apr 2019 - Mar 2020

## WORK EXPERIENCE

Coding Ninjas

Technical Content Writer Intern

Remote

Mar 2023 - Jun 2023

- Created **high-quality** content covering a wide range of programming languages, frameworks, and tools.
- Authored and edited over 30 **technical blog posts, tutorials**, etc., aimed at helping students learn and improve.

## SKILLS

**Languages:** C/C++, Python, Javascript

**Databases:** MySQL, MongoDB

**Others:** Bash, Markdown,  $\LaTeX$

**Frameworks:** React, Node, Express

**Tools:** Git, GNU/Linux

## PROJECTS

**RFID Attendance System** (Node.js, React, Express, MongoDB, Arduino)

[Github](#)

- Developed a highly efficient attendance tracking system by integrating RFID technology, enabling users to register attendance through **RFID card scanning** and streamlining attendance process.
- Established seamless **serial communication** between the Arduino board and Node.js.

**Paint Application** (C++, WinBGIm Graphics Library)

[Github](#)

- Developed a comprehensive paint application with **user-friendly graphical interface**, allowing users to create digital art effortlessly.
- Features:** Save as JPEG file, Color Palette, Size options, etc.

**Sort Visualizer** (p5.js, CSS3, HTML5)

[Live Preview](#) | [Github](#)


- Created a web application to visualize various sorting algorithms, helping users understand how they work.
- Implemented **Interactive UI** features, including the selection of sorting algorithms and adjustable parameters for visualization size and speed.

**React Wordle** (React, CSS3)


[Live Preview](#) | [Github](#)

- Created a web-based **word-guessing** game where users can guess a hidden word by entering their guesses.
- Implemented animations and media queries to enhance the user experience.


## ACHIEVEMENTS

 **CodeChef - master\_mind14**

- Achieved **6 star** rating with a peak rating of **2211**.
- Ranked among the top **400** out of **2,00,000+** Indian users.
- Ranked **30th** globally out of **2900+** participants in **March Cook-Off 2022 Div-2**.

 **Codeforces - master.\_.mind**

- Achieved the title of **Expert** with a peak rating of **1671**.
- Ranked **143rd** globally (39th in India) out of **18,000+** participants in **Codeforces Round 820**.

 **Leetcode - AkshatAggarwal14**

- Ranked among top **1.9%** users on Leetcode with a maximum Rating of **2079**
- Ranked **99th** globally (5th in India) out of **18,000+** participants in **Biweekly Contest 91**.

 **Google** | Ranked **318th** out of **12,000+** participants in **Google Kickstart 2022 Round G**.

 **Cisco** | Selected as one of **23** finalist teams for **Code with Cisco** on-site codathon out of **14,000** participants.

 **StopStalk** | Solved **3000+** programming problems across all coding platforms.

## COURSEWORK

Data Structures & Algorithms

Database Management Systems

Computer Networks

Operating Systems

Compiler Design

Object Oriented Programming

Distributed Systems

## VOLUNTEER EXPERIENCE

**CSEC NIT Hamirpur** – *Coordinator*

Apr 2021 - Present

- Designed problems for monthly programming contest and Conducted programming meets on various topics.

**CodeChef NIT Hamirpur Chapter** – *Chapter Leader*

Jul 2021 - Jan 2022

- Conducted numerous programming contests and organized workshops (100+ attendees each).