

AKSHAT AGGARWAL

Himachal Pradesh, India

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EDUCATION

National Institute of Technology, Hamirpur

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

Hamirpur, HP

Dec 2020 - Present

The Scholars' Home

Higher Secondary (12th), Percentage: **97**

Paonta Sahib, HP

Apr 2019 - Mar 2020

WORK EXPERIENCE

Scaler

Remote

Problem Setter Intern

Sep 2023 - Present

- **Curating** and **reviewing** several CP problems for various hiring challenges and the InterviewBit platform.
- **Testing** problems and improving user guides for better problem-solving.

Coding Ninjas

Remote

Technical Content Writer Intern

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 NodeJS, ExpressJS, FastAPI

Tools Git, GNU/Linux, Postman

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.

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.

ICPC | Recognized as an **ICPC 2023 Regionalist** as a member of the team **Deadlock**.

COURSEWORK

Data Structures & Algorithms

Database Management Systems

Computer Networks

Operating Systems

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).