

# AKSHAT AGGARWAL

Himachal Pradesh, India

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🐙 [github.com/AkshatAggarwal14](https://github.com/AkshatAggarwal14)

## EDUCATION

National Institute of Technology, Hamirpur

Hamirpur, India

Bachelor of Technology, Computer Science & Engineering, CGPA: 9.65

Dec 2020 - Present

*Coursework: Data Structure & Algorithms, Database Management Systems, Computer Networks, Operating Systems, Compiler Design, Object-Oriented Programming, Distributed Systems, Software Engineering*

## WORK EXPERIENCE

Cisco

Bangalore, India

Software Engineer Intern

Jan 2024 - Present

- Contributing to the advancement of Cisco's **XDR project** using **React.js** and **Go**.
- Identified and resolved **two bugs** within Cisco's internal UI library.

Scaler

Remote

Problem Setter Intern

Sep 2023 - Dec 2023

- Curated** and **reviewed** several CP problems for various hiring challenges and the InterviewBit platform.
- Tested** problems and improved 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, TypeScript, Go	Frameworks	ReactJS, NodeJS, ExpressJS, FastAPI
Databases	MySQL, MongoDB	Tools	Git, GNU/Linux, Postman, AWS
Others	Bash, Markdown, Latex		

## 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

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

🏆 **Cisco** | Selected as one of **23** finalist teams for **Code with Cisco** codathon out of over **60,000** participants.

🏆 **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 **1.6%** users on Leetcode with a maximum Rating of **2112**
- Ranked **99th** globally (5th in India) out of over **18,000** participants in **Biweekly Contest 91**.

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

🏆 **StopStalk** | Solved more than **3000** programming problems across all coding platforms.