AKSHAT AGGARWAL

Himachal Pradesh, India

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EDUCATION

National Institute of Technology, Hamirpur   Hamirpur, India
Bachelor of Technology, Computer Science & Enginnering, *CGPA: **9.66** (Gold medalist)*   Dec 2020 - May 2024

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

WORK EXPERIENCE

Salesforce   Bengaluru, India
Associate Member of Technical Staff   Jun 2024 - Aug 2024

Cisco   Bengaluru, India
Software Engineer Intern   Jan 2024 - Jun 2024
- Contributed to the **Secure Cloud Control (SCC v2)** project in the **XDR team**.
- Conducted functional and automated testing with **Jest**, **Playwright**, and **Cypress**.
- Performed client-side performance testing, providing insights by comparing SCC v1 and SCC v2.
- Automated PR notifications using Webex APIs and integrated micro-apps with **Webpack Module Federation**.
- Identified and resolved multiple bugs in the internal UI library and other products.

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.

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, Webpack, Swagger		

PROJECTS

Cardiocare (*Node.js, React, Express, MongoDB, Swagger UI, Flutter*)   [Playstore]
- Steering **backend development** for Cardiocare, an app designed for doctors at **IGMC Shimla**, to optimize patient care and medical record management.

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** | Achieved recognition as an ICPC 2023 Regionalist with team `Deadlock` , demonstrating exceptional algorithmic problem-solving skills

cisco **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**.

G **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.