

Tanishq Mahendra Saini

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EDUCATION

Sushila Devi Bansal College Indore (M.P)

B. Tech – Information Technology

JULY 2018 - MAY 2022 **CGPA – 8.75**

Carmel Convent Sr. Sec. School,
Neemuch(M.P)

12th (CBSE) 2017 - 18 **CGPA – 9.3**

10th (CBSE) 2015 -16 **CGPA – 9.4**

WORK EXPERIENCE

Android Developer Intern at RedWall Technologies

Feb 2021 – Mar 2021

- Worked in a collaborative team environment on live projects.
- Implemented one application from scratch. **Developed UI / xml layouts**, user auth. & **backend in kotlin using Firebase**, maintained code on **GitHub** (successfully merged **9 pull requests**), **fixed issues & bugs**.

Moderator at IITBx

July 2020 – Dec2020

- Moderator in Discussion Forum for course CS101.1x Programming Basics in C++ offered by **IIT Bombay & edx Platform**. Assisted & solved doubts of **100+** students in learning C++, Data structures and algorithms, debugged their code and led a group of volunteers.

SKILLS

Languages

- *Proficient* - C++. *Intermediate* - Java, Kotlin, SQL. *Basic* - HTML & CSS, Python, Bash.

Development Tools

- Android Studio, Git & GitHub, Firebase, Linux.

PROJECTS

- **SDBC Connect** - Designed and developed the first android application for my college. Gathered all resources at a single place, with features including **real time posts, notifications, query section etc**. Managed to **complete project in set deadlines**. **Released Beta version**. Estimated Impact **1500+ user** (by Aug 2021).
- **Notes App** - A simple Notes Taking App which you can use to list your daily notes and tasks. Developed using **Kotlin & Room Database**. [Notes App](#)
- **Chatroom Application** - Created a **multi-threaded client-server chat application** written in C++ that uses sockets to communicate. [Chatroom-Application](#)
- **Tic Tac Toe with AI and Sudoku game in C++** - Games developed in C++ for fun using Game Theory, Minimax Algorithm and Backtracking. [Unbeatable-TicTacToe](#) | [Sudoku](#)

ACHIEVEMENTS

- Hackerrank **6-star** in Problem Solving and **5-star** in C++ **Global-rank-5905**. [tanishq1306](#)
- **3-star** on Codechef, **rating – 1690**. [tanishq1306](#)
- Qualified in **Facebook Hacker cup 2020 (rank 5411)** and in **TCS Codevita Season 9 (rank 719)**.
- Qualified **Google Code Jam 2020 and 2021** and participated in **Google Kickstart (Best Rank – 1912)**.
- Secured **2nd and 3rd Place** among 100+ participants in Competitive Coding Contests - Code in Quarantine and Coding 2.0 held in my College.
- Made **318 Github contribution** last year.

EXTRA-CURRICULAR

- **Freelanced as a C++ developer** at [Greynodes.com](#), completed 3 client projects with **100% Deadline Adherence Rate**. Example project work - [Project 1](#) | [Project 2](#).
- **Microsoft Learn Student Ambassador** at Microsoft.
- **Competitive Programming and Problem solving**.