

TANISHQ MAHENDRA SAINI

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EDUCATION

Sushila Devi Bansal College, Indore (M.P)

B.Tech Information Technology

📅 2018 - 2022

CGPA - 8.75

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

12th CBSE Board

📅 2016 - 2018

Percentage - 88.6%

WORK EXPERIENCE

RedWall Technologies Pvt. Ltd.

Android Developer Intern

📅 February 2021 – March 2021

- **Lead contributor** in implementing UI / XML layouts, user authentication and back-end in kotlin using Firebase.
- **Maintained** codebase on GitHub, **successfully merged 9 pull requests**.
- **Fixed** issues, bugs and **improved** end user experience.

IIT BombayX

Moderator

📅 July 2020 – December 2020

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

TECHNICAL SKILLS

Languages

- C++ (Proficient), Java, Kotlin, SQL, HTML & CSS.

Development Tools

- Android Studio, Git, GitHub, MySQL, Firebase, Linux, Figma.

Relevant Courses

- Data Structures & Algorithm, OOPs, Operating System.

PROJECTS

SDBC Connect

Android Application (Kotlin)

- **Designed and developed** native android app within set deadlines.
- With features including admin panel, real-time updates, pop-up notifications & query section.
- **Added value to 50+ users** (till now) in accessing all relevant information at a single place.

Chatroom Application

C++

- Implemented a **multi-threaded client-server** chat application in Linux that uses sockets to communicate.

Tic Tac Toe with AI and Sudoku

C++

- Games developed for fun using Game Theory, **Minimax and Backtracking Algorithm**.

ACHIEVEMENTS

- **Hackerrank**: 6 star in Problem Solving and 5 star in C++ with a Global Rank - 5905.
- **Codechef**: 3 star Highest Rating – 1690. Ranked 350 / 4000 (May Cook-Off 2020).
- Qualified Facebook Hacker Cup 2020 (Rank 5411) and 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 coding contests held in my College.

EXTRA CURRICULAR

- **Freelanced** at Greynodes.com, completed 3 client-side projects in C++ with **100% Deadline Adherence Rate**. Project: **Encrypt - Decrypt Algorithm, Handheld Solitaire**.
- Student ambassador at Microsoft Learn Student Ambassador Program.
- Coordinator in Bansal Coders Commune, organized events and coding contests.
- Listening to podcasts and playing outdoor sports.