

# TANISHKA KALRA

Indore, Madhya Pradesh

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## Education

**Acropolis Institute of Technology and Research, Indore**

**August 2020 - May 2024**

*Bachelor of Technology in Computer Science and Engineering (CGPA of 8.13)*

*Madhya Pradesh, India*

**St. Alphonsa Convent School, Shamgarh**

**April 2019 - May 2020**

*10+2 Science and Math Stream (Marks of 80.4%)*

*Madhya Pradesh, India*

## Technical Skills

**Languages/Frameworks:** C, C++, Python, HTML/CSS, JavaScript, React

**Databases:** MySQL, PostgreSQL

**Area of Interest:** Salesforce, Backend Development

**Tools/Environments:** Git, Linux

## Experience

**Thinking Machines**

**Jan 2022 – Feb 2023**

*Software Development Engineer Trainee*

*Remote*

- For starting 3 months I worked as a trainee where I was trained on various programming methodologies & technologies.
- After my training, I was assigned an automation project which was based on creating a scheduler for processing raw data by Python scripting using modules **subprocess**, **os**, **pathlib**, **json** to automate the processing of call detail records for a data analytical tool to measure various type of call flows. Scheduler processed over 1000 files per minute which boosted the **performance by 15%**

## Projects

**Smart Teacher** | *Python, Subprocessing*

- Smart Teacher is an automation software that helps a teacher evaluate students' programming assignments without any manual work.
- Students can provide the zip file of their source codes with their enrollment number and Smart Teacher will evaluate those codes with correct output, after processing it will export a CSV file consisting of grades of every enrollment number.
- It supports various languages for source files, **subprocessing**, **OS**, **csv** libraries are used for processing and exporting data.

**BRO HTTP Web Server** | *C++, Socket Programming and HTTP Protocols*

- BRO is an HTTP Web Server built using C++ and socket programming. It has two editions.
- Edition One can serve static web applications and Edition Two can serve static and dynamic web applications.

## Achievements

- Published a research paper on **Creating a web server in C++** using HTTP protocols.
- Qualified for semi-finals of **Uber HackTag 2.0**
- Solved over **150 problem solving questions** on various platforms

## Certifications

- Salesforce Administrator (Click to verify)
- Salesforce Associate (Click to verify)

## Hobbies & Interests

- Reading technical blogs on Medium and GeeksforGeeks
- Learning new technologies

## Reference

- Tanishq Rawat (SDE–Mobileum, Ex–SDE Cerebry, Thinking Machines) | tanishqrawat8@gmail.com | +918982416479