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 8.17 - VII Sem) *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: C++ , Python, HTML/CSS, JavaScript
Databases/Frameworks: MySQL, Flask, Selenium
Area of Interest: Salesforce, Backend Development
Tools/Environments: Git, Linux, Jira

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, Flask, jQuery, Subprocessing* | Visit Platform | Source Code

- Smart Teacher is an automated web application that helps a teacher create and evaluate students' programming assignments without any manual evaluation.
- Students can view and submit their programming assignments in the form of zip files and within seconds get their grades updated on their profile. The teacher can track the progress of all the students using their dashboard.
- It supports various languages for source files, **subprocessing, OS, csv** libraries are used for processing and exporting data.

Student Management Application | *Python, Flask and Javascript*

- This application helps in managing student data for an institute.
- User can view, add, modify or delete data according to their requirement.

Achievements

- Achieved 3rd rank in Armageddon Hackathon hosted by AITR.
- Published a Reseacrh Paper on **Smart teacher(Automated Assignment Evaluator)**
- 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

Important Links

- LinkedIn (tanishkakalra0910)
- Portfolio (tanishka-kalra.github.io)