



SONU

mahajan00sonu@gmail.com
7986427419
Punjab, India

[Github](#)
[Portfolio](#)
[Linkedin](#)

SUMMARY

I am always eager to learn something new to enhance my skills, whether it's through online platforms, coding competitions, or personal projects.

EXPERIENCE

SAP MES Intern, *Trident Limited*

Jan 2023 - Jul 2023

Integration of AFIS Pro-2 and MAG Machine:

- Integrated both AFIS Pro-2 and MAG cotton testing machine with SAP(ERP) system
- Improved data management and analysis within the organization
- Provided crucial information on fiber length, strength, maturity, and fineness
- **Tools Used:** Python, SQL, SAP PI/PO, Task Scheduler, Tabula

Process House Merceriser Dashboard:

- Developed centralized dashboard system for Merceriser machines in a process house
- Enabled real-time monitoring and control of Merceriser machines
- Created a user-friendly dashboard for efficient monitoring and management by operators and managers
- **Tools Used:** Python, SQL, OPC-UA, Flask

PROJECTS

Study Material App

- Built a cross-platform app using Python and Kivy module
- Designed for college students to access old question papers, notes and important questions

Electronic Web Store

- Build a web store for electronic devices using HTML/CSS, JavaScript, SQL and PHP
- **Functionality:** login, logout, session, database, product display, view product, add to cart, admin panel etc.

EDUCATION

Master of Computer Application

Panjab University, Chandigarh

May 2020 - Jun 2023

Percentage: 79.1%

Bachelors of Computer Application

Kamla Lohtia Sanatan Dharam College, Ludhiana

May 2017 - Apr 2020

Percentage: 75.8%

SKILLS

Technical Skill: Python, Java, C/C++, SQL, VS Code, Eclipse, Github

Soft Skill: Problem Solving, Adaptability, Team Work, Critical Thinking

CO-CURRICULAR ACTIVITIES

Indian Army Cyber Security Hackathon - 2021

- Participated in the Indian Army Cyber Security Hackathon, Sainya-Ranakshetram, 2021.

Hacktoberfest 2020, 2021, 2022

- Contributed to open source projects during the Hacktoberfest event for the past three years.

Brain Googler - 2020

- 3rd position in a website development competition organised by KLSD college.

CERTIFICATION

- "Introduction to Cyber Security" from Swayam, 2021
- "Overview of Geoprocessing using Python" from ISRO, 2021
- "Responsive Web Design" from freecodecamp, 2019