Tanisha Daharwal

Bachelor of Technology
in Mathematics and Computing
Indian Institute Of Technology, Ropar

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GitHub
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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	7.69 (Till 3rd Sem)	2021-2022
Senior Secondary	Central Board of Secondary Education	97%	2021
Secondary	Central Board of Secondary Education	97%	2019

PROJECTS

- **Implementations of Quad Trees - Using DSA and C** *Oct. 2022 - Nov. 2022*
  Dr. Anil Shukla **Github**
  – Language Used - C
  – Shows construction of quad tree, implementations like nearest neighbor, range query and traffic query

- **CureCloud - GCP Project** *Dec. 2022 - Jan. 2023*
  Google Cloud Practitioner Programme **Github**
  – Tech Stack Used - HTML, CSS, Javascript, React, Firebase
  – Implementing telehealth to provide access to health care services remotely and manage healthcare
    in a better way. CureCloud is a platform to provide dedicated healthcare under one roof.

- **Restaurant Reservation App** *Oct. 2022 - Nov 2022*
  GDSC App Development **Github**
  – Language Used - Kotlin
  – Shows profile, list of available restaurants

- **Air Mouse - Using Arduino Leonardo** *Nov. 2022 - Dec. 2022*
  Dr. Shashi Shekhar **Github**
  – Language Used - C and Arduino Libraries
  – Air mouse has double click and single click and acts as a plug-in (no prerequisite installation required)

- **Algorithm Visualiser using Python** *Aug. 2022*
  Personal Project **Github**
  – Language Used - Python with Tkinter library for GUI
  – Visualization of the bubble sort algorithm in python using Tkinter

TECHNICAL SKILLS

- **Programming Languages**: C, C++, Python, JavaScript, Kotlin
- **Web Technologies**: HTML, CSS, Android Studio
- **Miscellaneous**: Git/Github, DBMS , SQL

KEY COURSES TAKEN

- **CSE & Maths**: Introduction to Computing Data Structures, Data Structures, Discrete Mathematics, Real Analysis, Linear Algebra and Integral Transforms, Differential Equations
- **Others**: Electrical Engineering, Signals Systems, Tinkering Lab, Economics

POSITIONS OF RESPONSIBILITY

- **Core Team Member - Tech Department**,Society of Women Engineers(SWE), IIT Ropar *Feb. 2022 - ongoing*
- **ISMP Mentor**,ISMP, IIT Ropar *Sep. 2022 - ongoing*
- **Frontend Team Member- GCP Project**,GDSC, IIT Ropar *Dec. 2022 - Jan. 2023*

MISCELLANEOUS

- **Participant of Google Compose n Compete 2022**,Among the shortlisted candidates for App Dev Hackathon *Oct 2022*
- **ICPC Algo Queen Top 15 finalist**,15th rank in ICPC Algo Queen Contest *March 2021*
- **Google Cloud Practitioner Programme**,Completed Cloud Engineering Learning Path
  along with being a frontend Team member of GCP Project,
  Project to achieve one or more UN Sustainable Goals using resources in Cloud *Dec 2022 - Jan 2023*