

Rakshit Puri

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EDUCATION

B. Tech Electronics and Communication, Specialization: Instrumentation

2019 – 2023

SRM Institute of Science and Technology

- CGPA – 9.71 (2nd Year)

CLASS XII

2018 – 2019

Goodley Public School

- Percentage – 87.6%

CLASS X

2016 – 2017

Goodley Public School

- CGPA – 10

PROFESSIONAL EXPERIENCE

Electronics and Power Systems Lead

Aug 2019 – present

Recon Subsea

- Designed Printed Circuit Boards (PCB) for the team's Remotely Operated Vehicle (ROV)
- Trained 10+ new team members in PCB design, C-programming and Arduino.

Technical Research Writer

May 2020 – Jun 2020

Utkarshini Edutech

- Collected and formatted data from books, websites and sample papers for an android e-learning application.

SKILLS

Python | C++ | C | SQL | JavaScript | HTML | CSS | Git | Github | Arduino | PCB Design

PROJECTS

Toggle Key Notification [🔗](#)

- Stars = 13 and Forks = 11 on **Github**
- Python script shows **notifications** when **Caps Lock** or **Num Lock** keys are used.
- For people that don't have LEDs on their keyboards.
- Open-source and available for **Windows** and **Linux**.

Python Google Translate [🔗](#)

- Fork = 1 on **Github**
- Graphical User Interface for Google Translate using **Python** and **PyQt5**.
- Supports **speech-to-text** and **text-to-speech**.

Microsoft Notepad Clone [🔗](#)

- MS Notepad clone made using Python's **Tkinter** module.

Reddit Post Notification Bot [🔗](#)

- Bot sends a **Telegram notification** if a new post on Reddit contains any **keyword(s)** set by the user.
- **Notification by email** feature available.

FlapPy Bird [🔗](#)

- Flappy Bird game made with Python's **Pygame** module.

ACHIEVEMENTS

Scholarship

Received **performance-based scholarship** in 1st and 2nd year for securing **Rank 2**.

Hacktoberfest 2020 and 2021

- Participated as **Maintainer (Toggle Key Notification)** and **Contributor**.
- Received rewards for successful contributions to **open-source** projects.

COURSES

HackerRank - SQL (Basic) [🔗](#)

Feb 2022

Coursera - Python for Everybody (Specialization) [🔗](#)

May 2020

- Programming for Everybody (Getting Started with Python)
- Python Data Structures
- Using Python to Access Web Data
- Using Databases with Python
- Capstone: Retrieving, Processing, and Visualizing Data with Python

Coursera - Introduction to Git and GitHub [🔗](#)

Jul 2020

HackerRank - Python (Basic) [🔗](#)

Aug 2020