

# SWAPNIL GARG

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## Education

### Delhi Technological University, India

2021 - 2025

- B.Tech. in Maths and Computing | CGPA: 7.8
- **Relevant Coursework:** Data Structures, Algorithms, Operating System, Object-Oriented Programming(OOP), Computer Graphics, Database Management System, Data Analytics with Python

### DPS Modern Indian School, Qatar

2021

- *AISSCE (Class XII), Percentage: 96.2%*

## Work Experience

### Freelance Developer | Stone Arts Kenya | Remote

Nov'23 - Present

- Spearheading the **end-to-end development of ERP Software Solution** for a Kenya-based company
- Utilizing **Next.js** and **TailwindCSS** to delivery a highly responsive front-end.
- Leveraging **Firebase** for **Database Management, Authentication** and **Storage** solutions.
- Implemented functionalities like **converting HTML Table Data to Excel format** to streamline workflows.

### Chief Technology Officer | Krayadotshop Pvt Ltd | Delhi, India

Dec'22 - Oct'23

- Led a team of **5 Tech interns** to develop the landing page website([Github Repo](#)) in **HTML, CSS, and Javascript**.
- Built the Mobile App using **Flutter** and **Firebase** for Sellers to upload their product's videos.
- Developed the Buyer App using **Next.js** and **TailwindCSS** with **Firebase** for Buyers to shop through videos.

### App Developer | RENRZY Solutions LLP

Oct'22 - Dec'22

- Developed a Mobile App using **Flutter** and **Firebase**, providing information about the user's electric bike.
- Integrated **Google Maps API** to showcase real-time bike location.

### Software Technician | UAS-DTU

Feb'22 - Sept'23

- Developed the **Web GUI** to display the data collected by our team's drone in the Student Unmanned Aerial Systems Competition 2022 held at Maryland, United States of America.

## Projects

### Roomie Connect

[Demo](#) | [Github](#)

- A **full-stack website** built using **React, Tailwind CSS, and Firebase** to simplify the process of finding a roommate.
- Implemented **Authentication and Database CRUD** operations.
- Integrated **Google's GeoCoding API** to fetch coordinates and show the flat's location on a map.

### ZenChat

[Demo](#) | [Github](#)

- AI Therapist Chatbot App built with **Flutter and Firebase**, with the aim of reducing the stigma around mental health.
- This project **won 2nd place** in CodeValds Hackathon(by GGSIPU), 2023.

## Achievements

- **Mentored** in Web Development in GirlScript Summer of Code (GSSOC) Program 2023
- Won **Runner-Up prize** in TechStars - StartUp Weekend, Delhi 2023, **Best Beginner Hack** in Execute - India's largest online Hackathon 2020, **Winner** of CodeCamp Hackathon, 2019 held by **Transport Ministry of Qatar**
- Came in **Top 10 Percentile** in CodeForces Round 898 - [codeforces.com/profile/swapnil\\_tech](https://codeforces.com/profile/swapnil_tech)
- Solved 350+ questions on LeetCode of various Data Structures and Algorithms topics - [leetcode.com/swapnil\\_tech/](https://leetcode.com/swapnil_tech/)
- **Taught Python to 50+ students** as the **Director of Computer Club**, DPS-MIS and **Mentored** a team in an **App Development** Competition.

## Skills

**Frontend Development** - HTML , CSS , Tailwind CSS , JavaScript, React , Next.js , Three.js , Flutter , Dart

**Backend Development** - Node.js , Express.js , Firebase , MySQL

**Programming Languages and Tools** - C++, Python , Git , Linux , Figma