

RITVIK MAHAJAN

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Education

Thapar University, Patiala

- Bachelor of Engineering (B.E) in Computer Science | CGPA: **8.26** (till 4th sem)

2019 - 2023

(expected)

Delhi Public School, Vasant Kunj

- *AISSEE (Class XII), Aggregate: 92%*

2018 - 2019

Navy Children School, New Delhi

- *AISSE (Class X), CGPA: 10/10*

2016 - 2017

Skills

C++ | C | Python | Django | Django REST Framework | Kotlin | Android Studio | HTML | CSS | MySQL | Git | REST API's

Work Experience

WESEE, Ministry Of Defence | Research & Development Intern

Feb'21 - Apr'21

- Delivered Solutions for **automating interpretation** of a complex graph.
- Coordinated with other engineers to evaluate and improve software interfaces.

Kohli Media LLP | Android Developer Intern

Jul'20 - Aug'20

- Optimized app performance by replacing ListView with **RecyclerView**.
- Refactored Java code into **Kotlin**.
- Designed & implemented a floating button on the login page for Kohli one app, available on Google play-store.
- Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.

Projects

Veritas - Digital Engineering Logbook | Django, CSS, HTML, Docker, Git

Mar'21-Present

Digital Logbook for capstone projects and many more

- The digital logbook serves as a repository for all relevant logs, tasks, etc for a student pursuing a project. Project is currently deployed on the university's server targeting all senior undergraduate students for their final year capstone project and is also open source.
- Served as a software Developer, in a team of 15 members under the mentorship of *Dr. Sanjeev Bedi & Mr. AS Jawanda*.

skBlog | Python, Django, Django REST Framework, HTML, CSS, SQL

Jan'21

Blogging website where users can share their thoughts and photos

- This application allows **CRUD** operations for users and their blogs.
- Users can sort blogs by category and view.
- Has its own **web API**, made using the Django REST framework.

CovStat | Kotlin, XML, Git, Figma, Postman API, Retrofit API

Jul'20

Worldwide Coronavirus statistics application.

- This application helps you view Covid19 statistics of any country, updated every 20 mins.
- Built using **MVVM architecture**.
- Displays data in the form of graphs for easy interpretation.

Academic and Extracurricular Achievements

- Designed a button, using *Less* and *CSS*, named 'Disco' for **SButtons** available in the special category on their website.
- **6 stars** in Problem Solving on Hackerrank.
- **3 stars** on Codechef.
- Solved **300+ problems** on GeeksForGeeks & Leetcode.

Positions of Responsibility

Veritas | Software Developer

Mar'21 - Present

- Development of Digital Logbook which will reduce the amount of paper logs required to be filled for the final year capstone project, and make life easier for students and professors.

- Got selected from a competitive pool of **100 applicants**.

Creative Computing Society | Technical Member

Nov'20 - Present

- Conducted workshops on Android Development for first year students.
- Got selected from a competitive pool of **1500 applicants**.