

# 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

- AISSE (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 | SQL | 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.

## Projects (hyperlinked)

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

Mar'21-July'21

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
- 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

- Has its own **Web API**, implemented using the Django REST framework.
- This application allows **CRUD** operations for all users and their blogs, and all blog related details for eg. no of likes of a blog.

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

Jul'20

Worldwide Coronavirus statistics application.

- This application gives users a visual representation of Covid19 statistics of any country.
- Built using **MVVM architecture**.

## 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.
- 1714(max) rating** on Codechef.
- Solved **300+ problems** on GeeksForGeeks & Leetcode.

## Positions of Responsibility

### Veritas | Software Developer

Mar'21 - July'21

- Responsible for software maintenance across the codebase. Required wide understanding of the internals of the software and systems.

### Creative Computing Society | Technical Member

Nov'20 - Present

- Conducted workshops on Android Development for first year students.