# RITVIK MAHAJAN

+91-8547717437 | EMAIL | GITHUB | LINKEDIN | PORTFOLIO

## Education

Thapar University, Patiala 2019 - 2023 • Bachelor of Engineering (B.E) in Computer Science | CGPA: 8.26 (till 4th sem) (expected) Delhi Public School, Vasant Kuni 2018 - 2019

AISSCE (Class XII), Aggregate: 92%

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 Digital Logbook for capstone projects and many more

Mar'21-Present

- 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 Blogging website where users can share their thoughts and photos

Jan'21

- 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 Worldwide Coronavirus statistics application.

Jul'20

- 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 200+ 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**.