Ritvik Mahajan

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EDUCATION

THAPAR UNIVERSITY
B.E in Computer Science
2019 - 2023
CGPA: 8.26 / 10

DELHI PUBLIC SCHOOL
AISSCE (Class XII)
2019 | Vasant Kunj, New Delhi
Aggregate: 92%

NAVY CHILDREN SCHOOL
AISSE (Class X)
2017 | New Delhi
CGPA: 10 / 10

LINKS

Leetcode:// **ritvikmahajan17**
Github:// **ritvikmahajan17**
LinkedIn:// **ritvikmahajan17**
Codechef:// **ritvik17**
Hackerrank:// **scaredgender**

COURSEWORK

UNDERGRADUATE
Computer Programming in C++
Object Oriented Programming
Data Structures
Design and analysis of algorithms
Cloud Computing
Database Management System
Artificial Intelligence
Machine Learning
Computer Networks
Software Engineering
Computer Achitecture and Organization
Operating Systems
Discrete Mathematics
Numerical Analysis
Optimization Techniques

SKILLS

PROGRAMMING
Over 5000 lines:
C++ • C
Over 1000 lines:
Python • Django • Django REST
Framework • HTML • CSS
• SQL • Git
Familiar:
Android • Kotlin • Android Studio •
Arduino • LESS

EXPERIENCE

WESSE, MINISTRY OF DEFENCE | Research Intern
Feb 2021 - April 2021 | New Delhi
- Delivered Solutions for automating interpretation of a complex graph.

KOHLI MEDIA LLP | Android Developer Intern
June 2020 – July 2020 | WFH
- Optimized app performance by replacing ListView with RecyclerView.
- Refactored Java code into **Kotlin**.
- Designed and implemented a floating button on the login page for Kohli one app, available on Google play-store.

SBUTTONS | Open Source Contributor
Nov 2020
- Designed a button, using **Less** and **CSS**, named 'Disco' for SButtons available in the special category on their **website**.

PROJECTS (HYPERLINKED)

VERITAS - DIGITAL LOGBOOK | Django, CSS, HTML, Docker, Git, SQL
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.

COVSTAT | Kotlin, XML, Git, Figma, Postman API, RetroFit API
Worldwide Coronavirus statistics application.
- This application gives users a visual representation of Covid19 statistics of all countries.
- Built in **MVVM architecture**.

SKBLOG | Python, Django, Django REST Framework, HTML, CSS, SQL
Blogging website where users can share their thoughts and photos
- This application allows **CRUD** operations for all users and their blogs.
- Has its own **Web API**, implemented using the Django REST framework.

ACHIEVEMENTS

1. **6 stars** in Problem Solving on Hackerrank
2. **1714(max)** rating on Codechef.
3. Solved **300+** problems on GeeksForGeeks & Leetcode.

POSITIONS OF RESPONSIBILITY

VERITAS - DIGITAL LOGBOOK | Software Developer
Feb 2021 - July 2021
- Responsible for software maintenance across the codebase. Required wide understanding of the internals of the software and systems.

CREATIVE COMPUTING SOCIETY | Technical Member
Nov 2020 - Jan 2022
- Conducted workshops on Android Development for first year students.