Bhuwanesh Nainwal

3rd year Undergraduate

📱 8433064328

EDUCATION

Maharaja Surajmal Institute Of Technology, New Delhi (MSIT)
Bachelors Of Technology In Information Technology, Current Semester - 5th, **CGPA - 9.022**   **2019 - 2023**

Kendriya Vidyalaya No. 1 Delhi Cantt, New Delhi(KV)
Senior Secondary School Education, CBSE(CLASS 12), **Percentage - 82%**   **2017 - 2018**

PROJECTS

Report Card Python Automation Project   [Github]
(August 2021 - August 2021)

- Developed a tool (exe) using Python which once clicked will generate Report Card of students according to information provided by user in an excel file.
- This tool can save alot of time as it is capable of creating 100+ report cards within seconds with just one click.
- Techstack used - **Python 2.7 , Openpyxl, Reportlab, Canvas, Metaplotlib, Pyinstaller**.

Real Time COVID-19 And Vaccination Slots Notifier Android Application [Github]
(June 2021 - July 2021)

- Developed an Android application that shows real-time COVID-19 statistics to users, nationwise as well as statewise.
- It also Provides an interface where our user can enter details (Email id, State, District). By using this feature our users can check the availability of vaccination slots in their area. This app will ensure that once a slot is available in our user's location it will notify them by sending a mail.
- In the backend we are fetching data using **REST APIs** provided by our **Indian Govt.** In order to send mail we are using **SMTP server,** and to keep sending mail after a fixed interval of time, we are using **Work Manager library**.
- This application has one more feature which ensures that it will keep notifying our users after a fixed interval of time until and unless our users press the cancel button.
- Techstack Used: **Android Studio, XML, Java, Work Manager, JSON Parsing, REST APIs, List View, Array Adapters, Multithreading.**

AWARDS AND ACHIEVEMENTS

Competitive Programming
- Highest rating of 1803 (4 ⭐) at **Codechef**, Handle - bhuwanesh.
- Secured **207 Global rank** [Link] in November 2020 Challenge (Total Participants - 14000+) organized by **Codechef**.
- Secured **257 Indian rank** and 1562 Global Rank [Link] in AtCoder Regular Contest 121 organized by **Atcoder**.
- Solved **800+** problems on different platforms. [Link]

Hackathons
- Participated in "Error Nights" Hackathon organized by **St. Joseph College** and secured top **20 rank**.

SKILLS

- Languages : C++ (DSA), Python (Dev), Java (Dev).
- Tools - Android Studio, Oracle Virtual Box, Wireshark, Git, Github.
- Technology - Python Scripting (LAN Cybersecurity), Android Development, Firebase, Rest APIs.
- Others - Data Structures And Algorithms, Web Scraping.
- Libraries and Frameworks - C++ STL, Scapy, Reportlab, Beautifulsoup, Reportlab, Openpyxl, Metaplotlib.

CERTIFICATES

- Google Hash Code 2021
- Coding Blocks Competitive Programming Course
- Python Data Structures
- Python For Everybody
- Using Python To Access Web Data