Prakhar Kochar

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EDUCATION

IIIT NAGPUR
B.Tech in Computer Science
2019-2023*
CGPA - 9.4 / 10.0

DR. VSEC, KANPUR
Intermediate 2019
Percentage - 96.7

DR. VSEC, KANPUR
Martriculation 2017
Percentage - 97.0

LINKS

PROFILES
- Github: @prakhar
- LinkedIn: @prakhar
- Portfolio: @prakhar

PROGRAMMING
- Codechef: @prakhar
- Codeforces: @prakhar

COURSEWORK

UNDERGRADUATE
Data Strutures and Algorithms
Application Programming
Multivariable Calculus
Operating Systems

SKILLS

PROGRAMMING
C • C++ • Python JAVA • LATEX

WEB TECHNOLOGIES
HTML • CSS • JS JEKYLL •
Bootstrap4

LIBRARIES AND API'S
Numpy • tweepy • tabletop.js
Nodejs

OTHERS
Adobe Illustator • Aurdino IDE

INTEREST

Competitive Coding
Web Development
AR/VR Development

EXPERIENCE

GEEKSFORGEEKS | Technical Content Writer
August 2020 - Present
- Published various artiles on Data-Structures and Algorithms

CODECHEF | Campus Representative
June 2020 - Present
- Started a Codechef Campus Chapter under the guidance of Dotslash Community which aims at providing best coding culture on campus
- Hosted a programming contest at institution level
- Problem Setter of a contest , link to the contest can be found here

PROJECTS

TIMETABLE GENERATOR | Python Development
- Created a Time Table Generator using Tkinter and openpyxl API's
- Implemented using Python Programming Language using concepts of file-handling, openpyxl , and dictionary of lists
- Successfully generates different time-tables for two sections based on the subject input given by the user

TWITTER BOT | Python Development
- Created a twitter bot using tweepy api's
- Implemented using Python Programming Language using concepts of file-handling and queue data structure
- A retweet is sent to the sender after data manipulation and recognition

PORTFOLIO GENERATOR | JS Development
- Implemented mad libs to generate portfoilio
- A google form collects all necessary data and stores it in the database
- tabletop.js library is used to collect the data and place it in the frontend template.

MISCELLANEOUS PROJECTS
- Voice Control IOT Home Automation using Google Assistant
- Made Security Alert System using LDR and BC-547 transistor to build a laser detecting device which sends an electric pulse and rings the alarm.Role of transistor as a switch (BJT)
- Line follower robot using Aurdino board and other hardwares
- Developed minesweeper game implemented using JAVA Programming

ACHIEVEMENTS

- Secured global rank 103 and 187 in November Lunchtime and January Cookoff , Codechef , respectively
- 4 star on codechef **(1863 rating)**
- Specialist in codeforces **(1467 rating)**
- Secured **3323rd** rand in Google Kickstart Round B
- Qualified National Engineering Olympiad 3.0