Vivek Arora

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Education

JAYPEE INSTITUTE OF INFOR-MATION TECHNOLOGY
B.Tech. (Computer Science)
📅 Oct 2020 - June 2024, **CGPA: 8.2**

Links

CodeForces: **vivekarora**
CodeChef: **vivek_arora**
LeetCode: **vivek_arora**
Atcoder: **vivek_arora**
HackerRank: **vivek_arora**

Coursework

GRADUATE
• C++ Programming
• Object Oriented Programming
• Database Management
• Operating System
• Data Structures and Algorithms
• Software Engineering

Skills

PROGRAMMING
• C/C++

WEB DEVELOPMENT
• HTML • CSS3 • JavaScript • ReactJS

MISCELLANEOUS
• Gitlab • Github

Volunteering

KNUTH PROGRAMMING HUB
Coordinator
• Guided students through Data Structures and Algorithms and Competitive Programming.
• Conducted workshops for students, to get them familiar with Competitive Programming and also with some advanced Data Structures and Algorithms.

IEEE
Tech Volunteer
• Conducted online and offline technical and training events on basics of Data Structures and Algorithms impacting over 200+ students.
• Conducted various practice contests for students.

Achievements

- Ranked under **500 in ACM ICPC 2022-2023** Amritapuri.
- **Upper Specialist** on **CodeForces** with a **rating of 1579** and solved **1050+ Problems** on the platform.
- Best Rank in **Google Kick Start - 1162** in Round B 2022. Kick Start Certificates
- **4 Star** coder on **CodeChef** and also achieved a **global rank of 331** in Starters 47 in Division 2.
- **1703** maximum rating at **LeetCode** and **solved 350+ Problems** on the platform.
- **449** maximum rating at **Atcoder**.
- Qualified **Google Hash Code**'22 with 379198 points. Certificate
- Qualified **Google Code Jam**'22 with 31 points. Certificate
- Ranked 3rd overall & **1st in 2nd year of KPH annual event Excute'22.** Link
- Qualified **CodeChef SnackDown** 2021. Certificate
- Ranked **2nd in codejam-21** conducted by OSDC hub of JIIT. GitHub Link.

Experience

CODING BLOCKS - TEACHING ASSISTANT
📅 Jan 2023 – Present
- Solving doubts of students related of **DSA and Competitive Programming**.
- **Creating coding contests** for students and **helping mentors for preparing best content** for students.

IMOCHA - PROBLEM SETTER
📅 Aug 2022 – Present
- Creating new and intuitive problems, that are used by **various companies for their online assessments and interviews**.
- Created problems around **Data Structures, Algorithms, Maths across various difficulty levels.**

Personal Projects

COPTIC - AN ONLINE STATIONERY SITE || ○ GitHub Link
📅 Dec 2021 – Feb 2022
- Coptic **it is a real time startup**. It is an online stationery business, it sells journals, pens, books, etc.
- The website shows all the articles efficiently to the buyer. **The buyer can add multiple items to the cart and shop them all at once.**
- **Tech: HTML, CSS, JavaScript, PHP, MySQL, XAMPP**.

SPAM CHECKER - CHECKS FOR SPAM MAILS || ○ GitHub Link
📅 April 2022 - May 2022
- The project **checks for spam mails**, the code basically **searches for these spam words** in the content sent for checking.
- **Using Trie, search complexities can be brought to optimal limit (key length)**.

COVID - 19 RESOURCE DELIVERY SYSTEM || ○ GitHub Link
📅 March 2022 - April 2022
- The project would tell the availability of different items which are in stock in different warehouses, and **the best possible route from the warehouse to the hospital**.
- The time shown would also **consider all the traffic** on these routes.
- **Tech used are linked list, graphs, OOPs** to execute the tasks mentioned above