Sugam Arora

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Website | LinkedIn | GitHub| Leetcode | Hackerrank

EDUCATION

- **B.Tech** in Electronics and Communication Engineering   [**CGPA : 7.17**]
  Punjab Engineering College, Chandigarh, India   [**2021 - 2025**]

- Senior Secondary Education - **12th**   [**93.6%**]
  DAV Public School, Chandigarh, India   [**2020**]

- Secondary – **10th**   [**92.6%**]
  Apeejay School, Jalandhar, Punjab   [**2018**]

SKILLS

- **Programming Languages** : C++, Python, SQL(Familiar), JavaScript
- **Computer Fundamentals** : Operating System, Database Management System, Computer Networks(Basic)
- **Tools/Platforms** : VS Code, Insomnia, MongoDB, MySQL , Power BI, Bluestacks, NoxPlayer
- **Add-ons** : Data Structures, Algorithms, Machine Learning , Cloud (Basics) , NLP , HTML5, CSS

EXPERIENCE

- **Summer Intern at Reliance JIO Infocomm Limited, Navi Mumbai, Maharashtra (On-site)**   **[Link]**   [**June, 2023 – July, 2023**]
  - **Successfully** setup of **Elastic search** and its **Integration** with **Wazuh dashboard**
  - **Reverse Engineering** and **Troubleshooting** of Wazuh and its setup on **RHEL 8** and **Ubuntu Platforms**
  - Utilized **cutting-edge** security tools to swiftly detect and **mitigate** a cyberattack from **2 malicious IP's**

- **Open Source Contributor** at **Girl Script Summer of Code** [Remote]   [**May, 2023 – August, 2023**]
  - Worked collaboratively on **2 projects** leveraging effective communication and remote collaboration skills
  - Aided in the successful resolution of **support issues** for the **GameZone project**.

PROJECTS

- **UniCollab - Revolutionizing Cross-Institutional Student Collaboration [Ongoing]**
  - Architected and built **UniCollab**, a **pioneering cross-institutional** platform for student projects
  - Implemented **gamification** with a **point system**, **plagiarism checks**, and **top contributor comparisons**
  - **Transformed** collaborative education with **UniCollab**, leveraging React for frontend and the robust **MERN** stack for backend development.

- **Movie Recommended System** [**Link**]
  - Engineered with **NumPy, pandas, and scikit-learn** for **optimal** performance.
  - Incorporated **collaborative filtering** techniques: User-based and Item-based.

- **IPL Analysis Dashboard [Link]**
  - Engineered with **precision** using **Excel** and amplified insights with **Power BI.**
  - **Forged** an **insightful** dashboard, **pivotal** for sound decision-making processes.
  - **Powerful data visualization**, interactivity and **analysis**

EXTRA-CURRICULAR ACTIVITIES

- **Executive Body Member - PEC-ACM**   [**March, 2022 – Present**]
  - Embraced a **multifaceted** role, spanning **cybersecurity**, **development**, and **machine learning**.
  - Organized **7 workshops** containing **80+** students and lead a team of **8 members**
  - **Dedicated maintainer** of **graveyard** project and handled **60+** commits with **meticulous** review and merging

- **Member – IEEE**   [**Dec, 2021 – April, 2023**]
  - **Responsible** for **managing** and **conducting** events organized by **IEEE PEC Student Chapter**
  - Attended and assisted in organizing **7-8** IEEE events, showcasing **dedication** to promoting **knowledge-sharing** in the tech community

ACHIEVEMENTS

  - Ranked among **top 5** out of **72+** schools in **National Aerolympics**, achieving **1st** place in **Round 1** and excelling in **4 of 6** competitions
  - Top performer in **IMO, NSO and NSTSE** at **national level** and **international level(18)**
  - Achieved Rank **318 out of 16842** participants in Codechef December **Starters-71**
  - Solved **250+** problems on Leetcode and Achieved Rank **782** in Leetcode Bi-weekly contest
  - Over **2000** GitHub commits with a streak of **250+** days.

CERTIFICATIONS

  - Certificate of Excellence in Database and Management System
  - Certificate of Completion in Operating System
  - Complete Web Development 2023 Course
  - SQL completion

INTERESTS

  - Chess
  - Cricket
  - Technology