

Rudra Pratap Singh

 Github |  LinkedIn |  LeetCode |  GFG |  Portfolio |  rudrapratap@gmail.com |  +91 7309719048

Summary

B.Tech AI & Data Science student at IIIT Raichur (CGPA: 7.45) with strong foundation in **software development, machine learning, and leadership**. Experienced in **Flutter & Firebase** app development, mentoring teams, and managing student initiatives.

Education

IIIT Raichur Aug 2023 – May 2027
B.Tech in Artificial Intelligence and Data Science CGPA: 7.45

Projects

Virtual Study Environment (VSE) Dec 2024 – Present | [GitHub](#)

- Built a **productivity app** with **Flutter, Supabase, Firebase**.
- Added **group/solo study modes**, personalized login, and analytics.

Content-Based Movie Recommender Jan – Apr 2025 | [GitHub](#)

- Developed in **Python (Scikit-learn)** using TMDB dataset of 5000 movies.
- Implemented **NLP preprocessing**, CountVectorizer, cosine similarity.

ArenaFlow (Tournament App) Aug – Nov 2024 | [GitHub](#) | [APK](#)

- Built in **Flutter + Firebase** with automated matchmaking.
- Reduced manual scheduling by **80%**, used in 3 tournaments (100+ players).

CampusCare (Complaint App) Jan – May 2024 | [GitHub](#) | [APK](#)


- Developed role-based complaint system using **Flutter & Firebase**.
- Added push notifications; reduced resolution time by **40%**.

Skills

Languages	C, C++, Python, Dart, JavaScript, Kotlin
Mobile Development	Flutter, Android, iOS, Cross-platform Apps
Backend/Cloud	Firebase (Auth, Firestore, RTDB), Supabase, REST APIs
Expertise	Data Structures & Algorithms, Machine Learning, Data Analysis, Competitive Programming
Libraries	NumPy, Pandas, SciPy, Matplotlib, Tkinter
Tools	Git, GitHub, Version Control
Core CS	OOP, DBMS, Operating Systems, SDLC

Experience

Academic Secretary, Student Affairs Council 2024 – Present

- Advocated exam structure benefiting 600+ students.
- Revived **Aurora Club**, reaching 70%+ participation.
- Shared detailed report of initiatives:  [Report Link](#)

Member, Placement Cell Jan 2025 – Present

- Coordinated with 15+ recruiters; optimized placement processes.
- Reduced recruiter response time by **25%**.

Team Lead, EHACS Club Oct 2023 – Present

- Mentored 40+ students .Organized 5+ workshops and hackathons, boosting participation by **60%**.

Achievements

- Solved 200+ DSA problems on LeetCode/Codeforces.
- District Topper (10th Standard).
- Selected in Smart India Hackathon 2024.
- Elected Academic Secretary, IIIT Raichur (2024-25).