

ANMOL UPADHYAY

Indian Institute of Information Technology, Kota

✉ 2023KUCP1128@iiitkota.ac.in | ☎ +91 7017078849 | in LinkedIn | GitHub

Education

Indian Institute of Information Technology, Kota — B.Tech., Computer Science
12th — Chetan International School, Mathura — 90.4%
10th — St. Francis Inter College, Hathras — 93.2%

Aug 2023 – Jul 2027
Apr 2022 – Apr 2023

Technical Skills

Programming & Tools: C++, Python, Java, SQL, Git, RESTful APIs, OOP, DSA
Backend & Cloud: Spring Boot, PostgreSQL, Firebase, AWS, SMTP, WebSockets
Frontend & Mobile: React, MERN, Flutter
Data & ML: pandas, NumPy, scikit-learn, TensorFlow, data cleaning, feature engineering, model evaluation
Visualization: Chart.js, real-time analytics

Projects

Edura

github.com/Anmol-rocket/Edura

Spring Boot, PostgreSQL, Gemini API, WebSockets

- **Engineered** a WebSocket engine to run concurrent multiplayer contests and AI "Image Detective" sessions with sub-100ms response.
- **Hardened** 20+ Spring Boot REST endpoints to support a 25-user pilot, delivering **99.5%** availability through observability and retry logic.
- **Leveraged** Gemini API and PostgreSQL for personalized content and real-time analytics; automated email alerts for key events.
- **Mobilized** a 4-member squad across eight bi-weekly sprints to deliver 10+ prioritized features focused on reliability and UX.
- **Constructed** a parent dashboard with live progress charts and three alert workflows, increasing engagement by **40%**.

Library+

(Flutter app)

Flutter, Firebase

- **Deployed** a campus library app (150+ students) to manage registrations, payments, and seat reservations via a unified dashboard.
- **Automated** seat-overlap handling and receipt generation, reducing manual processing time by **60%**.
- **Enabled** offline sync and push notifications to ensure reliable on-campus use; improved seat utilization by **30%**.

SurakshaVault

github.com/Anmol-rocket/SurakshaVault

MERN, Spring Boot, Blockchain, Chart.js

- **Designed** a consent middleware for secure banking-data sharing using masking, hashing, encryption, and blockchain audit logs.
- **Implemented** auto-expiry and revoke flows plus encrypted storage, reducing unauthorized sharing by **85%**.
- **Deployed** Chart.js dashboards to surface audit and usage metrics, improving transparency and trust for admins.

QuickCourt

github.com/Anmol-rocket/QuickCourt

MERN, Kotlin, Chart.js

- **Devised** an online sports-facility booking platform with role-based access, multi-filter search and tournament hosting.
 - **Optimized** booking flows with QR verification and live availability, increasing conversions by **35%** and reducing no-shows by **25%**.
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Achievements & Activities

- **Winner**, HackToCrack 2.0 (Edura) — selected from 6,400+ teams.
 - **Ranked Top 30**, Canara Bank Suraksha Hackathon — top 30 among 5,000+ teams.
 - **PR & Marketing Certification**, TechKnow (2024).
 - **PR & Marketing Executive**, TechKnow — Senior (2024–2025); Junior (2023–2024).
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Coursework & References

Coursework: Data Structures & Algorithms, OOPS, DBMS, Operating Systems, Software Engineering, Machine Learning / Data Science. (References available on request)