

HARDIK KUMAR

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SUMMARY

Software Engineering student at DTU with hands-on experience in developing scalable systems and translating complex business logic into code. As **Tech Head at Cura**, I led zero-to-one development to secure the startup's first user wave. Beyond commercial work, I co-developed the official **DTU Resume Manager**, digitizing the recruitment workflow for the university community.

EDUCATION

| Qualification | Year | Institute | Score |
|-------------------------------|---------|--------------------------------|---------------------------|
| Software Engineering (B.Tech) | 2023–27 | Delhi Technological University | 8.9 (Current CGPA) |
| Class XII (CBSE) | 2023 | Salwan Public School | 92.4% |
| Class X (CBSE) | 2021 | Salwan Public School | 94.6% |

EXPERIENCE

Co-Founder & Tech Head

Jul 2025 - Nov 2025

Cura [\[Website\]](#) [\[Certificate\]](#)

Delhi, IN

- Architected the **DTU IIF & SIIF** backed core product from concept to launch, securing the first 50+ active users and establishing product credibility that facilitated key partnerships with **Redcliffe Labs** and **Tata 1mg**.
- Engineered **Next.js** architecture for diagnostic price aggregation and real-time provider order workflows.
- Optimized system performance by implementing **MongoDB** aggregation pipelines and **Redis** caching layers.

Core Technical Team Member

Jun 2025

Training & Placement Cell, DTU

Delhi, IN

- Spearheaded the official DTU Resume Manager to streamline placement workflows serving 1000+ students.
- Formulated a type-safe architecture using **TypeScript**, **SQL**, and **Prisma** to handle complex student data.
- Built secure system log interfaces and admin panels using **JWT authentication** and role-based access control.

TECHNICAL SKILLS

- Programming Languages:** C++, Python, C, TypeScript, JavaScript
- Web & Mobile Engineering:** Next.js, React.js, React Native, Angular, MongoDB, SQL, GraphQL, GenAI
- CS Fundamentals:** Data Structures & Algorithms, OOPS, DBMS, OS, System Design, Machine Learning

PROJECTS

Stridr: Smart Jogging Companion | [Link](#) | [Demo](#) | [Web Repo](#) | [App Repo](#)

May 2025 – Aug 2025

- Engineered an urban navigation system personalizing jogging routes based on real-time user preferences.
- Constructed **Next.js/Express** infrastructure, integrating **GraphHopper** and **AWS** for route optimization.
- Developed **React Native** app and **REST APIs** to handle dynamic route generation & geocoding.

Social: Real-Time Media Platform | [Link](#) | [Github](#)

Nov 2024 – Dec 2024

- Built a modern **Next.js** social platform featuring real-time posts, likes, and resolved user-reported bugs.
- Integrated **Clerk** for authentication and used **Websockets** to broadcast posts with sub-100ms latency

ACHIEVEMENTS

- JEE Advanced 2023:** Secured an All India Rank of **6422** among 1.8 lakh candidates.
- NPTEL Certification:** Scored 96% in 'Joy of Computing using Python', ranking in the **Top 2%** [\[Certificate\]](#).
- Competitive Programming:** Solved **500+** problems on LeetCode and achieved a max contest rating of **1657**.
- Co-Head, Skillop (DTU):** Organized major technical events and hackathons witnessing 1000+ footfall.