

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

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

Jul 2025 - Nov 2025

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

Training & Placement Cell, DTU

Jun 2025

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.