

# MANIKESH KUMAR

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## EXPERIENCE

### Summer Intern - Data Systems Lab

May 2025 – July 2025

*Indian Institute of Technology (IIT) Delhi*

- Working to enhance distributed data System, and a website for the platform, Project funded by the Mohit Aron Endowment.

### Research Intern - Graph Theory and Algorithms

June 2024 – July 2024

*Indian Institute of Technology (IIT) Dharwad*

- worked on graph structures and implemented simulations for dynamic graphs using Python.

### Winter School Participant

December 2024

*IIT Delhi – Data Systems Winter School*

- Attended training in distributed systems, stream processing, and big data technologies.

## EDUCATION

### Indian Institute of Information Technology Dharwad

Aug 2023 – Present

*B.Tech in Data Science and Artificial Intelligence — CPI: 7.92*

### Minor in Generative AI

Aug 2024 – Present

*Courses: ML Foundations, Deep Speech Processing — CPI: 7.5*

### Devasthaliya Vidyapeeth (CBSE)

2023

*Class 12 — Score: 82.6%*

Motihari, Bihar

### D.A.V. Public School (CBSE)

2021

*Class 10 — Score: 93.8%*

Motihari, Bihar

## PROJECTS & ACHIEVEMENTS

- Top 100 finalist (all india rank 6)-C2S Grand Challenge (meitY, ChipIN, Makers Village).
- Top 20 National Finalist — Analog Design Hackathon (C-DAC, ChipIN, MeitY, Synopsys).
- Selected for prestigious Summer Internship at IIT Delhi (Data Systems Lab).
- NTSE State Rank 6 — Bihar (2021),

## TECHNICAL SKILLS

- **Languages:** Python, C/C++, Java, MATLAB, SQL
- **Web:** HTML, CSS, JavaScript, React
- **Tools:** Figma, Git, VSCode, Flink, Spark, Wayang, Synopsys Custom Compiler
- **Platforms:** Google Workspace, Microsoft Office, Linux

## LANGUAGES

- English (Proficient), Hindi (Native), Sanskrit (Intermediate)

## RELEVANT COURSEWORK

- **Semester 1:** Data Science and AI Applications, Programming, Mathematics for DS, Finance and Accounting, Communication Skills
- **Semester 2:** Probability and Statistics, Data Structures, Engineering 101, Economics, Professional Communication
- **Semester 3:** Data and Business Analytics, Algorithms, Discrete Mathematics, Object-Oriented Programming, Systems Thinking, Ethics
- **Semester 4:** Operating Systems, Software Engineering, DBMS, Global Business, Linear Algebra, Industrial Psychology
- **Minor:** Foundations of Machine Learning and Generative AI, Deep Speech Processing