

Kunal Kumar

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EDUCATION

Indian Institute of Technology Madras (IIT Madras)

Bachelor of Science in Data Science and Applications

Chennai, India

Sept. 2024 – May 2028

- Current CGPA: 8.5 / 10

- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Computer Networks, Linear Algebra, Probability & Statistics, Machine Learning, Data Visualization, Web Development

PROFESSIONAL SUMMARY

.Data Science undergraduate at IIT Madras with strong foundations in DSA, full-stack development, and software design. Built real-world dashboards for productivity and healthcare using React.js, REST APIs, and Firebase, focusing on clean UI and real impact. Solved 200+ DSA problems on LeetCode; fast learner with hands-on experience in Git, Linux, and cloud deployment. Passionate about building scalable, user-focused products and contributing to high-impact tech teams.

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript

Libraries: Pandas, NumPy, Matplotlib, Seaborn

Frameworks: React.js, Node.js, Firebase, MongoDB, REST APIs

Tools: Jupyter, Git, GitHub, Linux, VS Code, Postman, Docker (basic)

Database: MySQL, PostgreSQL, MongoDB

Other: Data Structures, Algorithms, OOP, OS, DBMS, Figma

PROJECTS

HabitVerse – Behavioral Analytics & Productivity Platform | *React.js, Data Visualization*

[Live Demo](#)

- Developed a dashboard-based app that tracks user behavior trends and habits.
- Delivered actionable insights using interactive graphs and personalized metrics.
- User-friendly interface for HR, productivity, or wellness-based analytics use cases.

MedFlow – Intelligent Healthcare Operations Dashboard | *React.js, APIs*

[Live Demo](#)

- Created a real-time dashboard for patient and department data management in hospitals.
- Reduced manual operations by 40% using streamlined visual data flows.
- Integrated modular UI design aligned with hospital digital transformation trends.

CERTIFICATIONS

Forward Learning Program – McKinsey & Company

Mar. 2025 – Jul. 2025

Credential ID: 6875af21-7170-4449-abd7-2d207c5277fe

- Trained in problem-solving, agile teamwork, and structured communication.
- Built core workplace capabilities through experiential learning.

ACHIEVEMENTS & HONORS

Gold Medal – IIT Madras “Paradox” Art Championship

2025

Bronze Medal – State-level Cultural Art Competitions

2022, 2024

State-Level Chess Player – Strategic thinking and pattern recognition

2022

District-Level Mathematics Olympiad Participant – Logic and problem solving

2023

State-Level Yoga Participant – Focus, discipline, and mind-body control

2024