

Kunal Kumar

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EDUCATION

Indian Institute of Technology Madras (IIT Madras)

Chennai, India

Bachelor of Science in Data Science and Applications

Sept. 2024 – May 2028

- **Current CGPA:** 8.5 / 10
- Relevant Coursework: Probability & Statistics, Machine Learning, Data Structures, Algorithms, Financial Mathematics

PROFESSIONAL SUMMARY

Data science undergraduate at IIT Madras with strong skills in Python, SQL, and data visualization. Experienced in developing full-stack web applications and real-time dashboards using React.js and modern data frameworks. Adept at translating complex problems into scalable, data-driven solutions with a focus on clarity, accuracy, and user experience. Strong communicator with growing exposure to actuarial science, risk analytics, and business decision-making.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, R, HTML/CSS, Bash

Libraries: Pandas, NumPy, Matplotlib, Seaborn

Frameworks: React.js, Flask, Express.js, Node.js

Tools: Jupyter Notebook, Git, VS Code, Power BI, Tableau

Database: MySQL, PostgreSQL, MongoDB

Other: Excel (Advanced), Word, PowerPoint, 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