

# 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), Vercel

**Database:** MySQL, PostgreSQL, MongoDB

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

## PROJECTS

### Life Os – Behavioral Analytics & Productivity Platform | React.js, Data Visualization

[Live Demo](#) [GitHub](#)

- 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.

### Medhub – Intelligent Healthcare Operations Dashboard | React.js, APIs

[Live Demo](#) [GitHub](#)

- 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