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# MANOJ K

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## Summary

Data Science undergraduate at the Indian Institute of Technology Madras (IITM) with a robust foundation in machine learning, statistical analysis, and software development. Passionate about applying data-driven approaches and predictive modeling to solve complex real-world challenges.

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## Education

### Indian Institute of Technology Madras

Bachelor of Science in Data Science and Applications • Chennai

05/2028

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## Skills

Programming Languages: Python, SQL, Machine Learning, and Statistical Analysis, Data Cleaning and EDA, Programming Languages: Python, SQL, Pandas, NumPy, Scikit-learn, Tableau, Power BI

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## Projects:-

### FedEx Smart Recovery

Full Stack Developer and Data Engineer

Developed a full-stack debt recovery system featuring an intelligent Python-based allocation engine that optimizes case distribution based on agency performance and capacity. The application utilizes a Next.js/React frontend for real-time SLA monitoring, seamless agency collaboration, and automated breach detection.

Live Demo Link: - <https://teamseeker.online/login>

Github Repo:- <https://github.com/24f2004663/Fed-Ex-Team-Seekers>

| Next.js | Python | PostgreSQL | BullMQ |

### Aarogya Sarthi

Backend Developer

AI-powered healthcare assistant providing personalized medical advice and appointment scheduling.

[https://github.com/nocaptbsm/aarogya-\\_\\_sarthi](https://github.com/nocaptbsm/aarogya-__sarthi)

| Python | Next.js | TensorFlow | NLP |