

# Saket Kumar

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## Education

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**Indian Institute of technology, Madras**  
BS in Data Science and Applications

*Expected March 2026*

## Projects

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### Project 1: Fullstack Grocery Store

[\[Source Code\]](#)

- Developed a Python-flask based multi-user app to shop Grocery items.
- Integrated a vue.js REST API with role based access control and SQLite for real-time data updates .
- Used Redis for caching and, Redis and Celery for batch jobs

### Project 2: Automated Analysis of a Dataset

[\[Source Code\]](#)

- Built a Python script that uses an LLM to analyze, visualize, and narrate a story from a dataset.
- Performed various analysis methods to analyze the data such as Correlation Analysis, Regression Analysis, Feature Importance Analysis, etc.
- Used several Python-based library to create charts for the datasets such as Pandas, numpy, seaborn, SciPy.

### Project 3: Household Services App

[\[Source Code\]](#)

- Developed a Python-flask based multi-user app to book services from professionals.
- Integrated Jinja2 template,HTML-CSS for a reactive website.
- Role based CRUD API with SQLite for the database..

### Project 4: Music Streaming App

[\[Source Code\]](#)

- Developed a Python-flask based multi-user music streaming app.
- Integrated Jinja2 template,HTML-CSS for a reactive website.
- Role based CRUD API with SQLite for the database..

## Technical Skills

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**Languages:** Python, Java, JavaScript, HTML, CSS

**Frameworks & Libraries:** Flask, Pandas, NumPy, Sci-kit, seaborn, vue.js

**Databases:** MySQL, PostgreSQL, SQLite

**DevOps & Tools:** Linux, Git, GitHub, DSA, Docker, Redis, Postman, Google Colab, Jupyter