

LAVANYA JANARTHANAN

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PROFESSIONAL SUMMARY

Motivated Computer Science graduate with a 9.5 CGPA and interested in full-stack development, automation, and data analysis. Proven leadership as Data Science Lead at GDGOC and a track record of delivering real-world solutions using Python, SQL, and web technologies. Passionate about building scalable applications and learning cutting-edge technologies.

EDUCATION

Bachelor of Engineering (Computer Science)

GRT Institute of Engineering and Technology

June 2022 -May 2026

CGPA 9.6/10

Class 12th - TN State Board

T.E.M. Govt. Girls Hr. Sec. School

May 2021 – May 2022

Percentage - 92%

SKILLS

- **Programming Languages:** Java, JavaScript, SQL
- **Web Development:** React, Node.js, HTML, CSS, DOM Manipulation
- **Tools:** Git, GitHub, MS Excel (Pivot Tables), Canva

EXPERIENCE

Summer Intern

Advanced Manufacturing Technology Development Centre (AMTDC), IITM Research Park

June 25, 2025 – July 25, 2025 | *Offline*

- Explored interdisciplinary project development through systems thinking, real-world problem analysis, and team-based presentations.
- Proposed innovative solutions, including a **Fit Meal Kit landing page** and an **IoT-based manhole cleaning system**, integrating science, engineering, and management perspectives.
- Gained exposure to research activities, ongoing student projects at IITM, and startup innovations through virtual and on-site exploration.

PROJECTS

Weather App - [Link](#)

Tech Stack: React.js, OpenWeatherMap API, HTML, CSS, JavaScript

- Developed a responsive weather forecasting application using **React.js** that fetches **real-time weather data** via the **OpenWeatherMap API**.
- Displayed **temperature, humidity, wind speed, and weather conditions** with icon-based UI for enhanced user experience.
- Utilized **React hooks (useState, useEffect)** for state management and API calls.

Custom Expense Splitter & Tracker Web App - [Link](#)

Tech Stack: HTML, CSS, JavaScript

- Developed a dynamic and user-friendly web application to **track group expenses** with **custom individual contributions** (non-even splits).
- Enabled users to **add multiple payers per expense** and dynamically allocate paid amounts via “**Add Person**” fields.
- Designed an intuitive interface to **track total spending per person** and view **detailed tables** of expenses and individual contributions.

ADDITIONALS

- **Won 2nd Place(Runner)** in **hackathon** conducted at SIMATS Engineering College.
- **Organized Project Presentation Event** –GRT Texpo'24
- **Lead for Data Science** at Google Developers Groups On Campus(**GDGOC**), GRT IET.

NPTEL CERTIFICATIONS

- Computer Networks and Internet Protocol
- Software Testing
- Database Management System