



# MANJUSHREE R G



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[Github](#)



[Leetcode](#)

## PROFESSIONAL SUMMARY

Computer Science Engineering student at MIT with strong academics and hands-on experience in programming and web development. Skilled in data structures, algorithms, and various tools, with a passion for solving real-world problems through innovative tech solutions.

## EDUCATION

2023-2027

**Bachelor of computer science engineering**

CGPA - 8.41

University Departments of Anna University , MIT Campus , Chennai.

2022-2023

**Higher Secondary Certificate**

Percentage - 96%

Blue Bird Matriculation higher secondary school , Tirupur.

## PROJECTS

2025

**Full Stack Blogging Platform**

**TechBlog**

- Developed a full-stack blogging platform using the **MERN stack** with complete **CRUD operations**.
- Implemented secure **JWT-based authentication** and session handling with Node.js and Express.js.
- Built a responsive **React UI** and integrated **MongoDB** for dynamic content storage

2024

**Android News Reader**

**NewsApp**

- Developed a Kotlin-based news app using Android Studio.
- Integrated **NewsAPI** with **Retrofit** for real-time data fetching.
- Implemented category filtering, search, and **RecyclerView** display.

2025

**Data Analytics Project**

**Accident Hotspot Analytics**

- Analyzed road accident datasets using **Python, Pandas**, and **Matplotlib**.
- Identified accident-prone zones via **clustering**.
- Visualized hotspots with **Folium maps** and **GeoJSON** overlays.

2025

**Java Project**

**Medical Fridge Monitoring System**

- Developed a **JavaFX**-based GUI to monitor hospital fridge sensors using XML input, displaying real-time temperature and battery data.
- Implemented color-coded alerts (Green/Yellow/Red) and **sound notifications**, with department-wise sensor details using **OOP principles**.

## TECHNICAL SKILLS

Languages:

- C
- C++
- Java
- Python
- SQL

Web Technologies:

- HTML
- CSS
- Javascript
- React
- Node
- Express

Database:

- Oracle
- MongoDB

Tools and Platforms:

- Github
- Collab
- PowerBI
- VS Code
- Jira

## CERTIFICATIONS & ACHIEVEMENTS

- Data Analytics – Novitech (2025)
- Docker Fundamentals Workshop – Trigger(2024)
- Java Programming – Great Learning Academy (2024)
- Diploma in Computer Application – Computer Software Center (2023)
- Gold Badge in SQL -HackerRank
- 100+ problems solved on LeetCode