



## CONTACT

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## EDUCATION

Bachelor of Technology (Computer Science)

**Amrita School of Engineering, Chennai**

(2023-27) CGPA: 8.40

Sunbeam CBSE School

Secondary (CBSE)	Senior Secondary (CBSE)
(2020 – 2021)	(2022 – 2023)

## SKILLS

**Programming:** Python, C, DSA, Java, JavaScript

**Web Development:** HTML, CSS

**Version Control:** Git, GitHub

**Databases & Query Languages:** SQL, MongoDB

**Operating Systems:** Ubuntu, Windows

**Currently Upskilling:**

**Data & ML:**

*NumPy, Pandas, Matplotlib, PyTorch, TensorFlow*

**Web Frameworks:** Django, Flask, React, Node.js

## PROJECTS (Completed)

- **Calculator App (CLI + GUI)** (Python, Tkinter)
- **To-Do List App (CLI + GUI)** (Python, Tkinter)
- **Web Scraper**  
*(Python, requests, BeautifulSoup, CSV)*
- **Personal Expense Tracker (CLI)** (Python, JSON)
- **Titanic Data Dashboard (GUI)**  
*(Python, Tkinter, Matplotlib, Pandas)*
- **Weather App (CLI + GUI)**  
*(Python, Tkinter, OpenWeatherMap API)*
- **Handwritten Digit Classifier (v1.0)**  
*(Python, PyTorch, CNN, MNIST)*

## PROJECTS (In progress)

- **Full-Stack Stock Price Forecasting System**  
(Python, Streamlit, scikit-learn, LSTM, ARIMA)
- **Smart NL2SQL Agent**  
(Python, LangChain, OpenAI, SQL, Streamlit)

# GAYATHRI MAHESH

B.Tech-Computer Science 2023-27

## PROFILE

Enthusiastic and disciplined 3rd-year B.Tech Computer Science student with strong skills in Python, Java, C, SQL, and front-end development (HTML, CSS, JavaScript). Experienced with Git/GitHub and clean coding practices through multiple hands-on projects. Certified by NPTEL, Google, Infosys, and CodeChef; 4-star Python badge on HackerRank. Eager to contribute to impactful software projects and grow as a reliable team member.

## CERTIFICATIONS

### Programming & Problem Solving

NPTEL	CodeChef
DBMS	Learn Python Programming
Problem Solving in C	Practice Python
Programming in Java	Learn C
Design and analysis of algos	Practice C

### AI & Data Science (Infosys Springboard)

- Artificial Intelligence
- Artificial Intelligence Primer
- Deep Learning for Developers
- Introduction to Artificial Intelligence
- Introduction to Data Science
- Introduction to Deep Learning
- Introduction to Natural Language Processing
- Computer Vision 101

### Generative AI & OpenAI (Infosys Springboard)

- Introduction to OpenAI GPT Models
- Generative AI Unleashing
- Generative Models for Developers
- Prompt Engineering
- Principles of Generative AI
- OpenAI GPT-3 for Developers

### Google Cloud Skills Boost

- Introduction to Generative AI
- Introduction to Large Language Models
- Introduction to Responsible AI

### Software Engineering & Communication (Infosys Springboard)

- Agile Scrum in Practice
- Introduction to Robotic Process Automation
- Email Writing Skills
- High Impact Presentations
- Time Management