



## 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

DBMS

Problem Solving in C

Programming in Java

Design and analysis of algos

#### CodeChef

Learn Python Programming

Practice Python

Learn C

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