

# PAVITHRA V



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## ABOUT ME

Enthusiastic beginner-level Software Development Engineer with foundational programming skills and a strong grasp of software fundamentals. Eager to apply my knowledge to real-world projects, while offering excellent communication skills and a collaborative mindset. Committed to learning and contributing effectively to team efforts in creating innovative software solutions.

## EDUCATION

### Government College of Technology

B.Tech (Information Technology)

2020 – present | Coimbatore

CGPA - 8.28

### Jaivabai Municipal Girls Higher Secondary School

Tirupur

HSE - 89%

## LANGUAGES

- Tamil

- English

## PERSONAL SKILLS

Self Motivated

Time Management

Flexible and Adaptable

Planning and Coordination

Team tasking

## SKILLS

C

Python

C++

MySQL

HTML5

CSS

Java

## PROFESSIONAL EXPERIENCE

### Bosch Global Solutions

Software Developer Intern

Jul 2023 – Aug 2023 | Coimbatore, India

During my internship at **Bosch Global Software Technology**, I worked in the Tools Team, where I actively contributed to front-end and back-end tasks, primarily focusing on **Qt application development**. I played a key role in designing a dynamic user interface for the "**Flash GUI Common Codebase**" project, which expanded my expertise in Qt application development, especially in UI design and GUI development. This experience reinforced my skills in both front-end and back-end development, making me a more versatile software engineer.

## PROJECTS

### SQLite Clone 🔗

I developed a Python-based command-line database management system to gain expertise in Python, operating system concepts (paging), and data structures (B-tree), enabling basic database creation and management with file-based data storage.

**Tech Stack : Python**

### Weather App 🔗

Created a React-based weather application that delivers real-time weather data for various cities, featuring a dynamic user interface with interactive weather icons.

**Tech Stack : React JS**

### MovieDb App 🔗

"Developed a responsive React application for showcasing popular movies sourced from The Movie Database (TMDb), offering users a seamless experience to explore movie details through modal dialogs.

**Tech Stack : React JS**

## ACADEMIC ACHIEVEMENTS

### Coding Club GCT

Executive member

### Treasurer - IT Department

Government college of technology

### 94GCTians Public Charitable Trust

Executive member

## AWARDS

### Ms Modularist

Geekscope23

The 'MS Modularist' title was conferred upon me by **Information Technology Association, Government College of Technology** in recognition of my exceptional understanding and application of modular design principles.