



## SUMMARY

I am a motivated B.Tech student studying Computer Science and Engineering, with a strong interest in full-stack development and problem-solving. I have some experience working with front-end and back-end technologies, and I am comfortable using languages like Python and JavaScript. I enjoy learning new skills and tackling technical challenges to find practical solutions. My goal is to apply my knowledge and improve my abilities by working on real-world projects, building applications, and solving problems efficiently. I am eager to grow as a developer and contribute to meaningful projects in the tech industry.

## EDUCATION

### Sri vani Matric Higher Secondary School

Completed in 2020 with aggregate of 69.4%

### Sri vani Matric Higher Secondary School

Completed in 2022 with aggregate of 79.8%

### SRM Institute of Science and Technology

B.Tech Computer Science and Engineering

Batch : 2022-2026

CGPA - 8.6

## SKILLS

- **Languages:**
  - Python
  - Java Script
  - C++
- **Operating Systems:**
  - Windows
  - Linux
- **Area of Interest:**
  - Problem Solving
  - Full Stack Development
- **Core Competencies:**
  - Team Work
  - Time Management
  - Decision Making Skill
  - Strong Work Ethics

## CERTIFICATIONS

- The Complete JavaScript Course From Zero to Expert
- Crash Course on Python
- Algorithms for Searching, Sorting, and Indexing
- Introduction to Database Systems
- Connecting to a MongoDB Database
- Micro-Certification-Welcome to ServiceNow

## PROJECT COMPLETED

### Smart Irrigation Systems using IoT:

A smart irrigation system using IoT is designed to optimize water usage by automating the irrigation process. It typically uses sensors to monitor soil moisture, weather conditions, and plant needs, then controls water distribution accordingly. The system can be controlled remotely via smartphones or computers and often includes features like real-time monitoring, data analysis, and predictive maintenance to ensure efficient water management. This technology is especially useful for agriculture and gardening, helping to conserve water while promoting healthy plant growth.

### Guess the Number Game:

In the "Guess the Number" game, the computer randomly selects a number between 1 and 20. The player tries to guess the number, and after each guess, the computer gives feedback like "too high" or "too low" to help the player narrow down their choices. The game continues until the player guesses the correct number, and it can track how many guesses were made. It's a fun and simple game that improves guessing skills and logical thinking!

### Forkify Application:

The Forkify app is a JavaScript-based recipe search and management tool. It allows users to search for recipes, view cooking instructions, and manage favorites by fetching data from an external API. The app is often used as a learning project to teach modern web development concepts like API integration, asynchronous JavaScript, and MVC architecture. It's great for practicing skills like DOM manipulation and state management in interactive front-end applications.

## LANGUAGES:

- Tamil(Proficient)
- English(proficient)