



# SAYEERAM R

sr6172@srmist.edu.in | 7418022289 | 2026

B.Tech, Computer Science and Engineering

Address : NO.3,NADARAJAR ANGALAMMAN KOVIL

STREET,VILLUPURAM,Viluppuram,INDIA



## Summary

Aspiring developer with hands-on experience in Python and Java, having built projects including an Inventory and Billing Management System using Django and MySQL, a Restaurant Recommendation Chatbot leveraging NLP and Feedforward Neural Networks (FFNN), and a Cross-Modality Text Summarizer using PyTesseract (OCR) and transformer-based models (BART, T5). Skilled in Python, Java, Django, MySQL, NLP, OCR, BART, T5, FFNN, and database management, with expertise in designing intelligent systems for efficient data processing, analysis, and automation.

## Education

### SRM IST-Kattankulathur

B.Tech · Computer Science and Engineering

2026

CGPA - 8.52/10

### Aditya Vidyashram Poraiyur

Class XII - CBSE · Poraiyur, Villianur, Puducherry

2022

Percentage - 65%

### Aditya Vidyashram Poraiyur

Class X - CBSE · Poraiyur, Villianur, Puducherry

2020

Percentage - 78%

## Projects

### Cross Modality Text Summarizer | [Github Link](#)

· Java, Java Swing, Python, Numpy, Pandas, OCR, NLP, BART, PyTesseract

ML / NLP / Computer Vision

Built a Cross-Modality Text Summarization System using PyTesseract (OCR) and transformer-based NLP models (BART, T5) to extract and generate concise summaries from images; developed a user-friendly interface for image upload and automated summary generation, improving accessibility and efficiency.

### Restaurant Recommendation Chatbot | [Github Link](#)

· Python, NLP, Feedforward Neural Network

Artificial Intelligence

Developed a Restaurant Recommendation Chatbot using Natural Language Processing (NLP) and a Feedforward Neural Network (FFNN) to analyze user preferences and suggest the top 10 restaurants; utilized structured JSON for efficient data management, enabling fast and flexible querying.

### Card Stock & Billing System | [Github Link](#)

· Python, Django, MySQL, HTML, CSS, JavaScript, Git, Github, VS Code

Inventory Management

Designed and developed an Inventory and Billing Management System using Python, Django, MySQL, HTML, CSS, and JavaScript to manage card stock, streamline billing operations, track daily sales, and send low-stock alerts, improving efficiency and accuracy in retail operations.

## Certifications

### Diploma In Computer Application (Programming) | [Drive Link](#)

SRM Info Tech (Computer Training Institute)

Jan 2023

### Core Java | [Drive Link](#)

SRM Info Tech (Computer Training Institute)

Nov 2022

## Skills

**Programming Languages:** Python, Java, HTML, CSS, Javascript

**Languages and Frameworks:** Django, Flask, Java Swing

**Tools and Technologies:** PostgreSQL, MySQL, SQLite, Git, Github

**Technical Skills:** Data Structures, Algorithms, Machine Learning

## Languages

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Tamil [Native Proficiency], English [Professional Working Proficiency]

## Links

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[GitHub](#), [LeetCode](#), [HackerRank](#), [LinkedIn](#)