

Sairam V

Full stack
Developer

Enthusiastic and detail-oriented Python Developer (Fresher) with strong skills in Core Python, Django REST Framework, Flask, MySQL, HTML, CSS, Bootstrap, and JavaScript. Experienced in building desktop applications, developing REST APIs, and integrating databases. Implemented advanced features such as QR code generation and voice input. Eager to contribute technical expertise and problem-solving abilities to deliver innovative and scalable software solutions.

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EDUCATION

United Institute of technology
B.E

Computer Science and Engineering • CGPA: 7.7%

2021 - 2025
Coimbatore

SKILLS & COMPETENCIES

Frontend: [HTML](#) • [CSS](#) • [Bootstrap](#) • [JavaScript](#)

Backend: [Python](#) • [Django](#) • [Flask](#)

Data base management: [MySQL](#)

PROJECTS

Smart bus ticketing system

Desktop Application (Python, Tkinter, MySQL) Developed a GUI-based ticket booking application using Python Tkinter, allowing passengers to select boarding and dropping points with route validation. Implemented automatic fare calculation with peak-hour pricing logic for dynamic cost adjustments. Integrated MySQL database for secure storage of passenger and booking records. Enabled QR code generation for each ticket to streamline boarding verification. Added voice input functionality using Speech-to-Text integration to enhance accessibility and user convenience. Designed a user-friendly interface ensuring smooth navigation and minimal booking errors.

<Python> <tkinter> <MySQL>

Ai-Career Companion

- Present

- Developed a web application using **Django + MySQL** for career guidance.
- Integrated **Resume Analyzer** (ATS score & suggestions), **Aptitude Test Module**, and **Coding Practice Platform**.
- Built an **AI Chatbot** for career Q&A using LLM integration.
- Designed a **dashboard** showing progress in aptitude, coding, and resume strength.

PROFESSIONAL CERTIFICATIONS

Python programming
skillrack

Sql-basics
skillrack

LANGUAGE

English

Tamil

INTERESTS