

Sairam V

Python Full Stack Developer

sairamvijay9876@gmail.com | 8610432033 | Coimbatore | sai-vj.github.io/Portfolio/

linkedin.com/in/sairam-v-634315285/ | github.com/Sai-vj

Professional Summary

Aspiring Python Full Stack Developer with hands-on experience in **Django REST Framework (DRF)**, **JavaScript**, and **MySQL**. Strong understanding of **OOP, REST APIs, JWT** authentication, and backend optimization, with successful implementation of workflow automation up to 70% through smart system design. **Good communication and teamwork skills, enabling efficient coordination and contribution within project teams.** Committed to writing clean, modular, and maintainable code, with a proactive learning mindset and enthusiasm to contribute to real-world, cloud-based projects.

Education

B.E in Computer Science and Engineering

11/2021 – 05/2025 | Coimbatore

United Institute of Technology

CGPA: 7.7/10

Internship Experience

Python Full Stack Development

05/2025 – 09/2025

Refinement Software Solution

- Collaborated in a **4-month Python Full Stack internship** at **Refinement Software Solution**, developing an **internal record management tool** using **Django REST Framework (DRF)**, **JavaScript**, and **MySQL**.
- Improved data tracking efficiency by **30%** through backend optimization and API design.
- Worked in **Agile sprints**, using **Git version control**, **authentication modules**, and **frontend-backend integration**.

Technical Skills

Frontend — HTML, CSS, JavaScript, Bootstrap, React.js

Backend — Python, Django (DRF), Flask, API

Database — MySQL, SQLite

API & Architecture — RESTful APIs, JWT Authentication, CRUD Operations

Tools & Platforms — Git, GitHub, VS Code, Jupyter Notebook, Postman, Render, Redis, Celery

Development & Practices — Agile Methodology, API Testing

Projects

HireHive (Fullstack Project)

Present

- **Designed, developed, and deployed** a full-stack **recruitment platform** using **Django REST Framework (DRF)** and **JavaScript**, featuring **role-based dashboards** for recruiters and candidates.
- **Implemented JWT authentication** and integrated **AI-powered resume parsing and quiz generation** via the **OpenAI API**, reducing manual setup time by **70%**. **Developed and tested 15+ REST API endpoints**, and **deployed on Render Cloud**, improving API response speed and overall scalability by **40%**.

Song recommender (Backend project)

10/2025 – 10/2025

- Developed a Flask-based backend system that integrates **Spotify OAuth authentication**, allowing users to securely log in with their Spotify accounts.
- Implemented **mood-based music recommendations** (e.g., *happy, sad*) using the Spotify Web API to fetch curated playlists and redirect users to Spotify for playback.
- Added a **database-driven history feature** to store user mood searches and playlist selections, enabling personalized suggestions and improved user experience

Smart bus ticketing system (Desktop App)

07/2025 – 08/2025

- **Developed a Python Tkinter-based desktop application** for ticket booking and fare management, integrated with a **MySQL database** for real-time data storage and retrieval.
- **Automated fare calculation** and **QR-based payment processing**, increasing transaction accuracy by **30%**.
- **Implemented voice recognition input** to minimize manual data entry and **auto-generated PDF tickets** to enhance accessibility, usability, and overall user experience.

Certifications

Python Basics (2023) – Skillrack

SQL Basics(2023) – Skillrack

Language

English • Tamil