

SRIRAM KUMAR

 : 93606 84091;  Sriramkumar08@outlook.com

 : Coimbatore, Tamil Nadu, India

 Portfolio: <https://sriramportfolio08.netlify.app/>

PROFESSIONAL SUMMARY:

Entry-level **Python Full Stack Developer** with hands-on experience in building and deploying scalable web applications using **Python, Django, FastAPI, Flask, React.js, and PostgreSQL/MySQL**. Strong understanding of **REST API development, MVC architecture, JWT authentication, database design, and frontend-backend integration**. Experienced in **API testing, version control, and modern AI-based applications (RAG & LLMs)**. Seeking a fresher or internship role to contribute to real-world software development projects.

TECHNICAL SKILLS:

Programming languages	Python, JavaScript
Backend Technologies	Django, Django REST Framework (DRF), FastAPI, Flask
API & Security	RESTful APIs, JWT Authentication, API Documentation
Frontend Technologies	React.js, HTML5, CSS3, Bootstrap
Databases	PostgreSQL, MySQL
AI & ML	(RAG), FAISS, Sentence Transformers, Ollama
Tools & Testing	Git, Github, Swagger, Postman

PROJECTS:

CRUD Application – FastAPI & React.js (Full Stack):

- ✿ Developed RESTful APIs using **FastAPI** for CRUD operations
- ✿ Implemented API integration with **React.js frontend**
- ✿ Designed relational database schemas using **PostgreSQL**
- ✿ Implemented secure API communication and data validation
- ✿ Tested endpoints using **Postman** and **Swagger**
- ✿ Deployed backend and frontend separately with API connectivity

Student Information Query System (RAG-Based AI Project):

- Built a RAG system to retrieve relevant student records using FAISS and PostgreSQL
- Stored structured records in PostgreSQL (Render)
- Generated embeddings using Sentence-Transformers and stored in FAISS
- Retrieved relevant records via similarity search
- Integrated Phi-3 LLM via Ollama for context-aware responses
- Reduced hallucination by limiting LLM input to retrieved context

Personal Portfolio Website:

- Designed and developed a responsive personal portfolio website
 - Built UI using **HTML, CSS and React.js**
 - Focused on clean UI design, responsiveness, and usability
-

INTERNSHIP / TRAINING:

Python Full Stack Developer Course and Trainee

Besant Technologies, Bangalore



- Hands-on training in **Python Full Stack Development**
 - Built backend applications using **Django, DRF, Flask, and FastAPI**
 - Worked with **PostgreSQL and MySQL** databases
 - Practiced REST API development, testing, and debugging
 - Followed coding standards and basic software development practices
-

Academia:

B.E. Computer Science and Engineering	2021-2025	RVS Technical Campus, Anna University, Coimbatore.	7.1 CGPA
Higher Secondary (HSC)	2020	Govt. Higher Secondary School, State Board, B. Agraaharam.	72%
Secondary School (SSLC)	2019	Govt. Higher Secondary School, State Board, B. Agraaharam.	70%

Personal Details:

Nationality: Indian

Languages Known: English, Tamil

Sriram kumar