

# 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 Retrieval-Augmented Generation (RAG) system for querying student data
- 👑 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

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### INTERNSHIP / TRAINING:

#### **Python Full Stack Developer Course and Trainee**

*Besant Technology, 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

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### Academia:

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

### Personal Details:

**Nationality:** Indian

**Languages Known:** English, Tamil

**Sriram kumar**