

# SRIRAM KUMAR

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 : Coimbatore, Tamil Nadu, India

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

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## 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.

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## TECHNICAL SKILLS:

<b>Programming languages</b>	Python, JavaScript
<b>Backend Technologies</b>	Django, Django REST Framework (DRF), FastAPI, Flask
<b>API &amp; Security</b>	RESTful APIs, JWT Authentication, API Documentation
<b>Frontend Technologies</b>	React.js, HTML5, CSS3, Bootstrap
<b>Databases</b>	PostgreSQL, MySQL
<b>AI &amp; ML</b>	(RAG), FAISS, Sentence Transformers, Ollama
<b>Tools &amp; Testing</b>	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. Agraaharam.</b>	<b>72%</b>
<b>Secondary School (SSLC)</b>	<b>2019</b>	<b>Govt. Higher Secondary School, State Board, B. Agraaharam.</b>	<b>70%</b>

### **Personal Details:**

**Nationality:** Indian

**Languages Known:** English, Tamil

**Sriram kumar**