

SRIRAM KUMAR

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🏠: 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

Electric Vehicle Population Data Analysis (RAG-Based AI Project):

- 👑 Designed and implemented a **Retrieval-Augmented Generation (RAG)** system using **Redis**
- 👑 Converted database records into **vector embeddings** using **Sentence-Transformers**
- 👑 Implemented **FAISS similarity search** to retrieve the most relevant records efficiently
- 👑 Integrated **Ollama (Phi-3 LLM)** to generate **context-aware responses based only on retrieved data**
- 👑 Built data processing pipelines for efficient data handling
- 👑 Built RESTful APIs using **FastAPI** to interact with the AI system

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. Agraharam.	72%
Secondary School (SSLC)	2019	Govt. Higher Secondary School, State Board, B. Agraharam.	70%

Personal Details:

Nationality: Indian

Languages Known: English, Tamil

Sriram kumar