

SREERAM P

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Skills

Programming Languages : Python, JavaScript, SQL, HTML, CSS

Frameworks & Libraries : Django, Django REST Framework, Streamlit, LangChain

Technologies : PostgreSQL, MySQL, REST APIs, Git, Tailwind CSS, Bootstrap

AI & ML : Machine Learning, Deep Learning, Soft Computing

Experience

Web Development Intern – Ziuke Infotech

| MAY 2025 – JUNE 2025

- Developed full-stack web applications using **Django** across domains including healthcare, civic management, and real estate, implementing multi-role access control and admin dashboards
- Delivered features such as appointment booking, inventory management, and email notifications across multiple client projects

Projects

Doctor Appointment Booking REST API

| [DOCTOR-BOOKING-API-P9SQ.ONRENDER.COM](https://doctor-booking-api-p9sq.onrender.com)

| [HTTPS://GITHUB.COM/STRANGERTOMYCODE/DOCTOR-BOOKING-API](https://github.com/strangertomycode/doctor-booking-api)

- Built a multi-role medical REST API using **Django REST Framework** with JWT authentication, role-based access control, and a deterministic scheduling system using database-level locking (`select_for_update`) to prevent race conditions, deployed on Render with PostgreSQL (Neon)

Excel-to-CRM Data Sync Tool

| [EXCEL-CRM-SYNC.ONRENDER.COM](https://excel-crm-sync.onrender.com)

| [GITHUB.COM/STRANGERTOMYCODE/EXCEL-CRM-SYNC](https://github.com/strangertomycode/excel-crm-sync)

- Built a **Django** web application that imports Excel/CSV spreadsheets, dynamically maps columns to a data model, validates and cleans customer records, and prevents duplicates via email-based upsert, exporting CRM/invoicing-ready CSV files

AI-Powered Web Scraper with Natural Language Parsing

| [HTTPS://GITHUB.COM/STRANGERTOMYCODE/AI_WEB_SCRAPER](https://github.com/strangertomycode/ai_web_scraper)

- Built an intelligent scraper using **Python**, **Selenium**, and **Streamlit**, integrating **LangChain** and **Ollama** (Gemma3) for AI-driven parsing that lets users extract specific web content using plain English

Lithospheric Strength Estimation Engine

| [HTTPS://GITHUB.COM/STRANGERTOMYCODE/CONVOLUTIONMODEL_2](https://github.com/strangertomycode/convolutionmodel_2)

- Developed a **Python**-based inversion engine that automates moving-window algorithms and parameter-sweeping across window sizes, depths, and densities to estimate the Earth's effective elastic thickness

Education

Cochin University of Science and Technology

| M.TECH IN COMPUTER SCIENCE AND ENGINEERING (AI & SOFTWARE ENGINEERING)

2024 - 2026

Ahalia School of Engineering and Technology

| B.TECH IN COMPUTER SCIENCE AND ENGINEERING

2020 - 2024

Certifications & Achievements

GATE 2025 Qualified [Data Science & AI]

UGC-NET Qualified – Assistant Professor Eligibility, Computer Science and Applications (97th Percentile)

Data Analysis with Python Certification – freeCodeCamp