


# ELANGO S

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 <https://github.com/Elangosridhar>

## Profile

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Dedicated and detail-oriented Full Stack Web Developer with strong expertise in Python and intermediate proficiency in Java. Passionate about crafting seamless, responsive, and user-centric web applications. Successfully managed a process re-engineering project that improved and consolidated end-to-end service processes, reducing paperwork by 75% and optimizing communication flow across 10 departments. Orchestrated the seamless integration of frontend and backend tools, resulting in a 30% performance increase and a 20% rise in user engagement. Proficient in Object-Oriented Programming (OOP) principles and adept at leveraging REST APIs to build robust, end-to-end applications.

## Skills

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**Front-End** : HTML 5 - CSS 3 - JavaScript - React.js – Django - Bootstrap 5 – Tailwind Css

**Back-End** : Python - OOPs - Java - RESTful APIs

**Data-Base** : MySql - MongoDB

**Version- Control** : Git -GitHub

## Soft Skills

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Strong Communication - Problem solving - Analytical Thinking - Creativity - Time Management - Adaptability - Team Player - Self Learner

## Projects

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### NLP Integration with LangChain for SQL Query Generation

- Developed a Streamlit app utilizing LangChain and Google Gemini Model to convert natural language questions into SQL queries.
- Enabled efficient and user-friendly data retrieval from a SQLite database using NLP capabilities.
- Enhanced user experience with custom styling and integrated image display within the app.

### Employee Dashboard

- Developed a MERN stack application for employee login, attendance tracking, and working time management. Utilized MongoDB for data storage and retrieval, enhancing the efficiency of employee time management.

### Dog's Product Website

- Developed a static website for dog products using HTML, CSS, and JavaScript.
- Created an engaging and user-friendly interface to showcase various products for dogs.

## Online Courses & Certifications

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- **JAVA Full Stack Developer** - Besant Technologies , Vijaya Nagar, Velachery, Chennai - 600042

## Education

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**BSc(Mathematics)** *Thiruvalluvar University*  
Muthurangam Govt. arts and science college, Vellore - 631001

**CGPA 6.7** 2020-2023