



SOWMIYA THANGADURAI

Frontend Developer & Tutor

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CAREER OBJECTIVE:

Passionate Frontend Developer and Part-Time Tutor dedicated to crafting intuitive user interfaces and empowering students through hands-on learning. Committed to delivering high-quality software solutions and fostering growth in the tech community.

TECHNICAL SKILLS:

- **Languages:** JavaScript, Java , Python.
- **Frontend:** React.js, HTML, CSS, Tailwind CSS
- **Backend:** Node.js, Express.js, Spring Boot, Flask, Phoenix (Elixir)
- **Databases:** MySQL, MongoDB
- **Architecture & APIs:** MVC Architecture, RESTful APIs
- **Tools & Version Control:** Git, GitHub

PROFESSIONAL EXPERIENCE

1.Part-Time Frontend & Backend Development Tutor

Freelance / Various Institutes | Jan 2025 – Present

- Conducted training sessions on full-stack development, including the MERN stack (MongoDB, Express.js, React.js, Node.js), Java (Core Java), and Python (Flask) with SQL databases.

2.Full Stack Developer Tutor

SRM Institute, Vandavasi | Jun 2024 – Nov 2024

- Delivered comprehensive training on frontend and backend technologies.
- Conducted workshops on Java, Spring Boot, HTML, CSS, JavaScript, C, and C++.
- Guided students through real-world project implementations.

3.Frontend Developer

SCRATCHBAC Pvt. Ltd, Singapore | Dec 2022 – May 2024

- Led the development of a social networking platform using the Phoenix Framework in Elixir.
- Utilized Ecto for efficient database interactions and management.
- Designed and implemented responsive user interfaces using Tailwind CSS.
- Developed dynamic and interactive components leveraging Phoenix LiveView to enhance user experience.
- Collaborated closely with backend teams to ensure seamless integration and performance optimization.

4.Frontend Developer

INodesys Technologies, Chennai | Feb 2022 – Nov 2022

- Developed static and dynamic websites using React.js, HTML, JavaScript, and Tailwind CSS.
- Focused on responsive design and cross-browser compatibility.
- Delivered quality projects with high client satisfaction.

5.Data Analyst

Foxconn India Pvt Ltd, Chennai | Jan 2021 – Jan 2022

- Analyzed production data for process optimization.
- Supported manufacturing efficiency improvements through data-driven strategies.

EDUCATION

Diploma in Computer Science

Dr. Dharmambal Government Polytechnic College for Women, Chennai | 2017 – 2020

CERTIFICATIONS

- Certified in Java, HTML, CSS, JavaScript, and ReactJS Development – Bescent Technologies, Chennai
- Certified Java Programming Professional
- Completed Android Master Course at ICFix Services, T. Nagar, Chennai

ADDITIONAL SKILL

YouTube Channel: "Elixir Sharstram"

- Created and manage a channel focused on Elixir programming tutorials.
- Produced educational videos to simplify complex programming concepts.

PERSONAL STRENGTHS

- Strong leadership and communication skills
- Effective team collaboration and problem-solving abilities
- Commitment to continuous learning and teaching