

# Ramprasath S

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## SUMMARY

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Aspiring Full Stack Developer with a strong foundation in both front-end and back-end development. Proficient in programming, problem-solving, and building responsive web applications. Knowledgeable in software development practices and emerging technologies. Seeking an opportunity to contribute to a dynamic team, enhance my skills, and grow professionally in the tech industry.

## TECHNICAL SKILLS

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**Programming Languages:** Python, C, SQL

**Front-end development :** HTML, CSS, JavaScript, React.js

**Back-end development :** Node.js, Express.js, MongoDB

**CRM Tools:** Salesforce Administration

**Technologies:** Hands on experience with IoT Sensors

## EDUCATION

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**SASTRA Deemed to be University**  
*Master of Computer Applications (MCA)*

Thanjavur, Tamil Nadu  
2022 – 2024

**SASTRA Deemed to be University**  
*Bachelor of Science in Physics and Bachelor of Education (B.Sc Physics, B.Ed)*

Thanjavur, Tamil Nadu  
2018 – 2022

## PROJECTS

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### Smart IoT Framework for Enhanced Crop Management

Jan 2024 – Apr 2024

*IoT with ML Project*

*LoRaWAN Gateway, Flask, IoT Sensors*

- Developed a Flask-based web application integrating IoT sensor data for real-time crop recommendation.
- Deployed a Random Forest model to analyze environmental conditions and suggest optimal crops.
- Utilized LoRaWAN gateways for real-time monitoring of environmental parameters.

### BulkMail

June 2025

*Full Stack Project*

*React.js, Node.js, Express.js, MongoDB, XLSX, Nodemailer, Tailwind CSS*

- Built a bulk email sender with XLSX file upload and preview.
- Used Nodemailer with Express backend to send emails from MongoDB credentials.
- Enabled real-time sending status and user feedback.

### Weather App

June 2025

*Frontend Web Development Project*

*React.js, Tailwind CSS, OpenWeatherMap API*

- Built a responsive weather app with current data and 5-day forecast using OpenWeatherMap API.
- Added unit toggle (°C/°F), AQI info, sunrise/sunset, and local time display.
- Enabled search history, smooth animations, and mobile-first design with Tailwind and Framer Motion.

### Movie App (Frontend UI)

May 2025

*Frontend Web Development Project*

*Vite, Tailwind CSS, TMDB API, JavaScript*

- Built a fast, modular movie browsing web app using Vite and Tailwind CSS for clean and responsive UI.
- Integrated TMDB API to fetch and display trending movies, search results, and category-wise listings.
- Implemented dynamic UI components like real-time search, interactive movie cards, and hover effects using JavaScript.

## **TripAdvisor Homepage Clone**

May 2025

*Frontend Web Development Project*

*HTML, CSS, Flexbox, Media Queries, FontAwesome*

- Built a fully responsive TripAdvisor-style homepage using HTML and CSS.
- Implemented reusable UI components including a sticky navbar, category sections, banners, and featured cards.
- Enhanced user experience with hover animations, star rating icons, and mobile-friendly layouts using media queries.

## **GreenDen – Responsive Plant E-Commerce Website**

May 2025

*Frontend Web Development Project*

*HTML, Tailwind CSS, JavaScript*

- Built a responsive multi-page plant shopping website named GreenDen with a clean, modern UI using Tailwind CSS
- Integrated a mobile hamburger menu and slide-in side menu using JavaScript DOM manipulation.
- Added real-time product search, animated hover effects, and semantic HTML for accessibility and mobile-first UX.

## **Udemy Clone (Frontend UI)**

Apr 2025

*HTML and CSS*

*VS Code, FontAwesome, Media Queries*

- Developed a responsive Udemy-style course listing platform using HTML and CSS.
- Designed dynamic UI components like a sticky navbar, interactive course cards, and a hover-based "My Learning" popup.
- Implemented layout responsiveness with Flexbox and media queries for mobile-first experience.

## **CERTIFICATIONS**

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- Salesforce Certified AI Associate

## **INTERNSHIP**

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Handled science subjects for grade nine and ten class students in a Tamil Nadu government school during an undergraduate internship.

## **INTERESTS**

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- Software Development
- Salesforce Administration and Development
- Data Analysis

## **INTERPERSONAL SKILLS**

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- Communication
- Flexibility
- Leadership