Ramprasath S

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SUMMARY

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. Seeking an opportunity to contribute to a dynamic team, enhance my skills, and grow professionally in the tech industry.

TECHNICAL SKILLS

Programming Languages: Python, C, SQL

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

Back-end development : Node.js and Express.js

Database : MongoDB

CRM Tools: Salesforce Administration

Technologies: Hands on experience with IoT Sensors

EDUCATION

SASTRA Deemed to be University — Thanjavur, Tamil Nadu
Master of Computer Applications (MCA) — *2022 – 2024*

SASTRA Deemed to be University — Thanjavur, Tamil Nadu
Bachelor of Science in Physics and Bachelor of Education (B.Sc Physics, B.Ed) — *2018 – 2022*

PROJECTS

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

- Salesforce Certified AI Associate

INTERESTS

- Software Development
- Salesforce Administration and Development
- Data Analysis

INTERPERSONAL SKILLS

- Communication
- Flexibility
- Leadership