Kannan D

Professional Summary

Proactive and passionate MERN Stack Developer with a strong commitment to excellence, continuous learning, and innovation. Skilled in building scalable web applications and delivering value-driven solutions. Highly adaptable, quick to learn, and effective in dynamic, team-oriented environments. Brings a strategic mindset, strong problem-solving skills, and a results-focused approach to every challenge.

Contact Information

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- 💼 Kannan D
- 🐙 Github-Kannan D
- 🌐 Kannan D

Technical Skills

- Python
- JavaScript
- HTML / CSS
- React.js / Vite
- Node.js
- Express.js
- MongoDB
- Git & GitHub
- AWS
- Bootstrap
- Embedded Systems
- MS Office
- ChatGPT
- Canva
- Figma
- Webflow

Professional Skills

- Leadership
- Teamwork
- Time Management
- Presentation Skills
- Problem-Solving

Languages

- தமிழ் (Tamil)
- English
- Deutsch (German)

Technical Projects

AI-Powered Eco Smart and Energy Conversion System

Tools & Tech: Raspberry Pi, Camera Module, Peltier Sensor, Embedded C, Smoke Filtration Chamber

- Built an intelligent waste segregation system using Raspberry Pi and camera module to identify and separate recyclable materials.
- Converted non-recyclable waste into heat energy, then into electrical power using a Peltier sensor-integrated combustion chamber.
- Designed a smoke filtration unit that purifies emissions via a water chamber, promoting clean and sustainable energy generation.

Front-End Development Projects

Tools & Tech: HTML, CSS, JavaScript, React.js, Responsive Design

- Developed and deployed multiple responsive websites and user interfaces using HTML, CSS, JavaScript, and React.js.
- Applied modern layout techniques like Flexbox and CSS Grid to ensure cross-device compatibility and intuitive navigation.
- Focused on clean UI/UX, reusable components, and performance optimization across various web applications and mockups.

Full-Stack Food Delivery Website

Tools & Tech: MongoDB, Express.js, React.js, Node.js (MERN Stack), REST API

- Built a dynamic food delivery web application with user authentication, cart management, and order tracking features.
- Designed and connected RESTful APIs for efficient data handling between frontend and backend components.
- Implemented responsive UI with React.js and managed real-time data using MongoDB and Express.js.

Education

Jeppiaar Engineering College — **Chennai**
Bachelor of Engineering (B.E), Electronics and Communication Engineering - 87%
Oct 2021-May 2025

Sri Ramakrishna Mission Vidyalaya Matriculation Hr. Sec. School — **Chengalpattu**
Higher Secondary Certificate (HSC) - 90.7% — June 2020 – May 2021
Secondary School Leaving Certificate (SSLC) – 86.6% — June 2018 – Mar 2019

Professional Training

- Full Stack Developer Internship – Bigziel Technologies (MERN) — Jan 2025 – Apr 2025
- Embedded Systems Training – Acmegrade — Jan 2023 – Mar 2023
- Internship – Pantech E-Learning (Embedded Systems) — July 2022
- In-plant Training – Prasar Bharati, All India Radio — June 2022

Certifications & Key Achievements

- Certified in Python for Data Science (NPTEL) & AI Concepts (Udemy – AI Builder)
- MERN Stack Developer – Certified by CourseInn Academy
- Coordinated Symposium – Managed Paper Presentations in Technology Domain
- 1st Place – Circuit Debugging Competition
- Organized Online Quiz Event – Through IEEE
- English Typewriting (Junior Grade) – 30 WPM, First Class with Distinction
- Presented at International Conference – Technical Paper Presentation