



KARTHIKEYAN M

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PROFILE SUMMARY

I am a passionate 4th-year Information Technology student at Mahendra College of Engineering. Having undergone extensive training in JAVA, HTML, SPRING BOOT, JDBC and SQL, I bring both strong theoretical knowledge and hands-on experience. My academic background is enriched with successful projects such as Smart Farm X and a Dual Communication System for the deaf and blind, which earned a Gold Shield award. I am participating actively in technical symposiums, and have a strong command of both English and Tamil. I am eager to grow in the tech field, contribute to challenging projects, and become a valuable part of innovative teams.

SKILLS

Programming Language : Java, C++ Basic

Web Development : HTML, CSS, Bootstrap, ReactJS, Servlet.

Frameworks : Hibernate, SpringBoot, Spring.

Databases & Tools : MySQL, MongoDB, PostgreSQL, SQL*Plus.

Tools & IDE : VSCode, Eclipse, GitHub, Cursor, Spyder, Anaconda, PostMan, MS Word.

CERTIFICATIONS

- Certified training in Full Stack Web Development.
 - Trained in React JS (Frontend Web Technologies) and Advance Java (Backend Technology).
 - Participated in multiple inter-college symposiums and competitions.
 - Secured 1st Prize for Dual Communication System project at AKT College
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EDUCATION

Mahendra College of Engineering Salem, TamilNadu

Bachelor of Technology in Information Technology (CGPA : 7.75/10.00)

(2022-2026)

PROJECTS

Smart Farm X

- Developed a sensor-based agriculture automation system for monitoring and managing farming operations.
- Built a full-stack web application with real-time data visualization dashboard.
- Improved farm productivity by enabling automated irrigation and smart decision-making.

Dual Communication System for Deaf and Blind

- Designed an inclusive tech solution integrating voice-to-text and Braille output technologies .
- Enabled seamless communication for users with both hearing and visual impairments .
- Awarded **Gold Shield (1st Prize)** at **AKT College Symposium** for innovation and social impact.

Electromagnetic Pulse Detector

- Built a mini-project to detect electromagnetic pulses (EMPs) using circuit-based sensors.
 - Provided real-time alerts upon EMP detection for safety and device protection.
 - Gained hands-on experience with embedded systems, circuit design, and microcontroller Interfacing
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INTERNSHIP

Techvolt Solutions Pvt. Ltd., Coimbatore, Tamil Nadu
React Web Development Intern | June 1, 2025 – June 30, 2025

- Gained hands-on experience in full-stack web development using HTML, CSS, JavaScript, ReactJS, Spring Boot, and MySQL, working under industry professionals.
 - Collaborated on a real-world project focused on connecting companies directly with farmers to minimize agricultural product wastage and improve supply chain efficiency. Designed and developed interactive front-end interfaces and integrated backend APIs to support real time farmer–company communication.
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DECLARATION

I hereby declare that the above-mentioned information is true and correct to the best of my knowledge and belief.

SIGNATURE

KARTHIKEYAN M