KAVIN RAJA K J
B.E. - Electronics & Communication Engineering
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BRIEF SUMMARY

A passionate Electronics and Communication Engineering student with a strong interest in web development. Skilled in React.js, MERN stack, and problem-solving, with experience building user-centric applications. Adept at frontend development, Java OOPs, and DSA, with a keen eye for clean code and innovative solutions. Driven to grow as a developer and contribute to impactful projects.

KEY EXPERTISE

ReactJS Java OOPs C++ Data Structures Algorithms Front-End Web Development Web Development NodeJS MySQL MongoDB Linux

EDUCATION

Sri Krishna College of Technology — 2022 - 2026
B.E. - Electronics & Communication Engineering | CGPA: **8.37** / **10**

Our Lady of Lourdes Matric Higher Secondary school, Coimbatore — 2022
12th | TNBHSE | Percentage: **93** / **100**

Our Lady of Lourdes Matric Higher Secondary School, Coimbatore — 2020
10th | TNBSE | Percentage: **96** / **100**

INTERNSHIPS

Rexroth | Automotive / Ancillaries / Automobile — 24 Jun, 2024 - 05 Jul, 2024
Intern
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PROJECTS

IoT-Based Web-Controlled Servo & Distance Monitoring — 20 Jan, 2025 - 01 Feb, 2025
Mentor: Dr. K Shanthi | **Team Size:** 3

Key Skills: Arduino Node.js Express React Axios

Project Link: https://github.com/KAVIN-KJ/Servo-Motor-Remote-Interfacing.git

Developed a full-stack IoT system to remotely control a servo motor and monitor real-time distance data using cloud-based automation.

TIC-TAC-TOE android Game
Team Size: 1

Key Skills: Android Studio Android Development Android Java OOPs

Project Link: https://github.com/KAVIN-KJ/TIC_TAC_TOE-using-java.git

Developed a simple Tic Tac Toe game for Android using Java. Featured an intuitive interface, turn-based gameplay, and basic win logic.

Simple Calculator using React
Team Size: 1

Key Skills: ReactJS Javascript HTML CSS Front-End Web Development UI Development

Project Link: https://github.com/KAVIN-KJ/Calculator.git

Designed and implemented a basic calculator application using ReactJS. Enabled users to perform arithmetic operations with real-time updating.

Front end Replica of a browser using ReactJS
Team Size: 1

Key Skills: ReactJS Javascript Axios CSS

Project Link: https://github.com/KAVIN-KJ/Zeno-Search.git

Designed a Replica of a browser using ReactJS inspired from Google chrome with implementation of various APIs like search engine, image search, Dictionary, News and an API for weather

SkySage - A real time weather Application

Mentor: Arun Kumar V | **Team Size:** 3

Key Skills: ReactJS TailwindCSS Front-End Web Development NodeJS Axios Express MongoDB Javascript

Project Link: https://github.com/KAVIN-KJ/SkySage

Developed an online weather portal displaying real-time weather data with line plots for temperature, humidity, and pressure

Zeta - An online compiler with Chat bot Integration

Team Size: 2

Key Skills: AWS EC2 PyFlask ReactJS Python

Project Link: https://github.com/KAVIN-KJ/Zeta

An online compiler for Java, C++ and Python integrated with AI chat bot powered by llama 3 API from Groq Cloud

ACHIEVEMENTS

- Academic Topper in semester - 1 with a GPA of 8.75

ASSESSMENTS / CERTIFICATIONS

Interfacing with arduino

SEMINARS / TRAININGS / WORKSHOPS

IIoT using LoRaWAN Technology **Institute Name:** Enthu Technology Solutions India Pvt Ltd   25 Oct, 2023 - 29 Oct, 2023

Key Skills: IoT Embedded Systems

PERSONAL INTERESTS / HOBBIES

- Reading
- Working on Simple Projects
- Programming
- Making posts on LinkedIn

WEB LINKS / IMs

- Other - https://kavin-raja.netlify.app/
- Github - https://github.com/KAVIN-KJ
- Other - https://leetcode.com/u/K_J_K_R/
- Personal - https://kavin-raja.netlify.app/

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: 3/160, Narasingapuram, Mannur(po), Pollachi, Coimbatore, Tamil Nadu, India - 642005

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Date of Birth: 04 Oct, 2004

Known Languages: Tamil, English

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