

KARTHIKEYAN M

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Executive Summary

Full-Stack Developer (Pre-final year) skilled in **Java, Spring Boot, React.js, Node.js** and **MongoDB**. Built **5+ real-time, AI-driven projects** with **50+ custom UI element designs**. Ranked in the **Top 20% on LeetCode (Highest Rating: 1818)**. Strong in **DSA, OOP**, and certified by **Udemy, Infosys, and Cisco**. Eager to build scalable solutions and drive real-world impact through code.

Technical Skills

- **Languages** : Java, JavaScript, SQL , HQL , Python , C++
- **Technologies/Frameworks** : Linux , SpringBoot , React.js, Node.js, Express , Hibernate
- **Databases** : MongoDB, MySQL, PostgreSQL , Firebase
- **Developer Tools** : VS Code, IntelliJ IDEA, GitHub , Eclipse , Maven

Experience

Rampex Technologies, MERN Stack Developer Intern

Jan 2025 – Mar 2025

- Developed a responsive **Order Management UI** using **React.js** and **Tailwind CSS**, leading to a **50% increase in task clarity** and improved workflow focus among employees.
- Created a **Daily Thought Web App** using **React.js, Node.js, Express, and MongoDB**, increasing user engagement by **40%** and encouraging positive daily routines.
- Optimized full-stack integration and RESTful API performance, reducing backend response time by **20%** and enhancing overall system efficiency.

Projects

EaseGit | *React.js, Node.js, MongoDB, GitHub REST API, Redis* | GitHub Repository

Feb 2025

- Built a GitHub analytics dashboard that helps students manage repositories, analyze stars, forks, PRs, and contributor stats.
- Simulated 100+ repositories to evaluate usage trends; projected to boost GitHub engagement and productivity among student developers.

Gym Membership Management System | *Java, MySQL, CLI-based* | GitHub Repository

Nov 2024

- Developed a CLI-based system to manage gym members, including registration, attendance marking, and plan expiration checks.
- Used SQL joins to display member details with remaining validity and access permissions, ensuring accurate membership tracking.

SustainTrack.me | *JavaScript, Firebase, Node.js, Express* | GitHub Repository

May 2024

- Created a carbon footprint tracker that raises sustainability awareness with CO₂-based notifications and dashboards.
- Simulated usage shows the potential to raise eco-awareness by **30%**; promotes sustainable products based on user performance trends.

Education

Sri Eshwar College of Engineering , Coimbatore

Sep 2024 – Aug 2027

Bachelor of Engineering in Electronics and Communication Engineering | **GPA : 8.5**

Coimbatore , TamilNadu

Relevant Coursework

- Data Structures
- Database Management
- Artificial Intelligence
- Operating Systems
- Software Engineering
- Web Development
- Machine Learning
- Computer Architecture

Achievements

- 1st Prize in the Technical Project Expo at **Spectra 2025**, KPRIET, Coimbatore.
- 2nd Prize in the Web Development at **Kriya 2024**, PSG College of Technology.
- Top 20 out of 240+ teams in **Hackify 2K24**, National Hackathon at Mar Athanasius College of Engineering.
- **LeetCode** Global Contest Rating: Top 20% (**Rating: 1818**).

Certifications

- Mastering Java Programming — Udemy
- Data Structures and Algorithms in C & C++ — Udemy
- National Level STTP on Java Full Stack with React JS & AI — AICTE, Brainovision
- Linux Unhatched Certification — Cisco Networking Academy