

Kalaipriyan P

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Career Goal

Computer Science Engineering student with strong skills in Java, JavaScript (MERN Stack), and Data Structures & Algorithms. Passionate about building scalable applications and solving real-world problems with clean, efficient code. Eager to learn new technologies and contribute to impactful, innovative projects.

Academic Background

Bachelor of Engineering in Computer Science Muthayammal Engineering College, Rasipuram	July 2022 – May 2026 CGPA : 8.88
Higher Secondary School Certificate Don Bosco Matriculation Higher Secondary School, Dharmapuri	May 2021 – April 2022 GPA : 7.75
Secondary School Leaving Certificate Don Bosco Matriculation Higher Secondary School, Dharmapuri	Mar 2019 – April 2020 GPA : 8.00

Core Competencies

Programming Languages : Core Java , JavaScript , C
Web Technologies : HTML, CSS, TailwindCSS, React.js, Express.js, Next.js, Node.js
Developer Tools : Git, GitHub, IntelliJ, VScode, Jenkins
Database Management : MySQL, MongoDB

Internship

MERN Stack Development Intern | Neowep Software Technology (Dec 2024 - Jan 2025)

- Built dynamic login/sign-up forms using **React.js, React Hooks** with role-based access for Admin and User Authentication .
- Implemented secure authentication and validation using **Node.js, Express, JWT, bcrypt**, and middleware.

Projects

Faculty Reporting System | (React Js , Express Js , Node Js , Mysql) [GIT LINK](#)

- Led a team of 5 to develop a specialized college website that automated report generation and featured a dedicated dashboard.
- Deployed the system on the college server, streamlining faculty access and reducing workload by 50%, significantly improving efficiency.

Web3 Hospital Management System | (MERN Stack, Solidity) [GIT LINK](#)

- Built a decentralized hospital app with NFT-based patient records and secure IPFS storage..
- Enabled tamper-proof medical data and real-time access via doctor/admin dashboards using Ethereum smart contracts.

Professional Certifications

- NPTEL** – Distributed Systems , Foundations of Cloud IoT, Edge and ML.
- AWS Academy** - Cloud Computing.
- Udemy** – Programming in Java.

Notable Accomplishments

- Software Security Bootcamp** - Secured Top 10 position in solving real-world **software security challenges** (IIITDM Kancheepuram).
- Startup Bootcamp** - (Innovation & Entrepreneurship) - Gained hands-on experience in **designing thinking, product development, and investor pitching** (AICTE Council).