

# 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

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

## 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

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|--|-----------------------|
| <b>MERN Stack Development Intern</b>   Neowep Software Technology  | (Dec 2024 - Jan 2025) |
| <ul style="list-style-type: none"><li>Built dynamic login/sign-up forms using <b>React.js, React Hooks</b> with role-based access for Admin and User Authentication .</li><li>Implemented secure authentication and validation using <b>Node.js, Express, JWT, bcrypt</b>, and middleware.</li></ul> |                       |

## Projects

|  |          |
|--|----------|
| <b>Faculty Reporting System</b>   (React Js , Express Js , Node Js , Mysql)  | GIT LINK |
| <ul style="list-style-type: none"><li>Led a team of 5 to develop a specialized college website that automated report generation and featured a dedicated dashboard.</li><li>Deployed the system on the college server, streamlining faculty access and reducing workload by 50%, significantly improving efficiency.</li></ul> |          |
| <b>Web3 Hospital Management System</b>   (MERN Stack, Solidity)  | GIT LINK |
| <ul style="list-style-type: none"><li>Built a decentralized hospital app with NFT-based patient records and secure IPFS storage..</li><li>Enabled tamper-proof medical data and real-time access via doctor/admin dashboards using Ethereum smart contracts.</li></ul>   |          |

## 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** (IITDM Kancheepuram).
- Startup Bootcamp** - (Innovation & Entrepreneurship) - Gained hands-on experience in **designing thinking, product development, and investor pitching** (AICTE Council).