

KAMALESH P

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[Github](#)

PROFILE SUMMARY

Aspiring and detail-oriented Java Developer with a strong foundation in full-stack development and software engineering principles. Proficient in Core Java, Spring Boot, and RESTful API development, with hands-on exposure to React.js and database management using MySQL and MongoDB. Eager to learn, adapt, and contribute to real-world software solutions in a professional development environment.

EDUCATION

Bachelor of Engineering – Computer Science Engineering – Panimalar Engineering College 2027, CGPA: 8.5

Class XII – Tamil Nadu State Board, LFC Matriculation Higher Secondary School, Percentage: 91%

Class X – Tamil Nadu State Board, Sunbeam Matriculation Higher Secondary School, Percentage: 93%

TECHNICAL SKILLS

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|--------|------------|---------------|-----------|
| • Java | • Python | • JavaScript | • HTML |
| • CSS | • React.js | • Spring Boot | • MongoDB |

EXPERIENCE

Edunet Foundation

Developed a Spam Mail Classification model using Python and Scikit-learn, achieving an accuracy rate of 92% on the testing dataset.

Pre-processed and analyzed a dataset of over 2,000 email samples, reducing false positives by 15% through optimized feature extraction. Collaborated with a team of peers under the Microsoft & SAP Tech Saksham initiative to prototype AI-driven solutions for real-world text analysis problems.

Infomatronics

Engineered responsive front-end interfaces using React.js, improving page load performance by 20% and ensuring cross-browser compatibility.

Streamlined the deployment process by implementing Git version control, reducing code merge conflicts by 30% across a team of 4 developers.

PROJECTS

Edu-Nexus (LMS Platform)

- Architected a secure LMS using Java Spring Boot, implementing granular RBAC for Admins, Instructors, and Students.
- Engineered a video streaming service with JWT authentication, optimizing secure content delivery and minimizing unauthorized access.

Food-Bridge Marketplace

- Developed a "Zero-Hunger" platform using React.js, facilitating real-time inventory tracking between restaurants and NGOs.
- Designed a responsive dual-dashboard with automated expiration alerts, streamlining donation logistics to minimize food waste.

Certifications

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| • Java – Udemy | • Spring and Spring Boot – Udemy |
| • Python – Udemy | • JavaScript – Udemy |
| • Html – Infosys | • CSS – Simplilearn |
| • Web Development Bootcamp (ReactJs, Nodejs, ExpressJs, MongoDB, Git and GitHub) – Udemy | |
| • Workshop Certification – Gen AI Bootcamp | |