RAJESH K

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PROFILE SUMMARY

Aspiring Software Developer with strong programming knowledge in **Java**. combined with practical experience in the **software development lifecycle (design, coding, testing, and deployment)**. Skilled in **problem-solving, algorithms, and debugging** with academic projects demonstrating creativity and solution-driven development. Experienced in frontend development through internship work and passionate about leveraging technology to drive innovation in hybrid cloud and AI-driven applications. Strong communicator and team collaborator with proven leadership in technical communities.

SKILLS AND STRENGTHS

- **Programming Languages:** Java, JavaScript (ES6+), HTML, CSS
- **Frameworks & Tools:** Bootstrap, Git, GitHub, VS Code, Figma
- **Core CS:** Object-Oriented Programming, Software Development Life Cycle (SDLC)
- **Other:** Cloud Basics, UI/UX Design, Digital Marketing
- **Soft Skills:** Problem-Solving, Analytical Thinking, Team Collaboration, Communication, Adaptability

ACADEMIC EXPERIENCE & INTERNSHIPS

Software Development Intern (Frontend Development)
Aastrazen Technologies | August 2024 – September 2024
- Engineered a responsive marketing website and gained hands-on experience, executed tasks within a structured workflow.

Organizer – Google Developer Groups On Campus (GDGoC)
Paavai Engineering College | Present
- Collaborated with cross-functional teams to deliver sessions on emerging technologies.

Student Placement Coordinator
Paavai Engineering College | 2023 – Present
- Coordinated between students and the placement cell to streamline recruitment activities.
- Coordinated with recruiters and faculty to organize placement drives and mock interviews.

Secretary, Department of Information Technology
Paavai Engineering College | Present
- Collaborated with peers in organizing department-level workshops, ensuring clear communication and on-time delivery of logistics and content.

Volunteer
Talent Quest for India | 2023 – Present
- Volunteered by conducting classes for rural school students.

PROJECTS

Left2Feed – Real-Time Food Redistribution Platform (In Development)
Tech Stack: React.js, Node.js (Express), Firebase Firestore, Genkit (AI-based Expiry Estimation), Google Maps.
- Built a web platform to connect food donors with NGOs and shelters in real time.
- Integrated AI-based food expiry estimation, geolocation APIs, and real-time notifications.
- Designed a volunteer coordination dashboard for streamlined operations.

Intelligent Multimodal System with Gesture & Voice Control
Tech Stack:Python, OpenCV, MediaPipe, PyAutoGUI, Speech Recognition
- Developed a system combining gesture recognition and voice commands for automation.
- Enabled functionalities like mouse control, keyboard inputs, and system automation tasks.

EDUCATION

B-Tech Information Technology - *Paavai Engineering College, Namakkal, Tamil Nadu*   **2022 – 2026**
- **Awarded Dr. APJ Abdul Kalam Best Engineering College Student - 2025**