

# RAMJI B

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## EDUCATION

- **KPR Institute of Engineering and Technology, Coimbatore**  
B.E. Computer Science and Engineering

2023 – 2027

## TECHNICAL SKILLS

**Languages:** JavaScript, Java, Python, C, TypeScript, SQL, HTML

**Frameworks:** React.js, Next.js, Express.js, FastAPI, Redux, Tailwind CSS, Bootstrap

**Databases:** PostgreSQL, MongoDB, Supabase, Firebase, Redis, Dragonfly

**Tools:** Git, Docker, Postman, AWS, Electron, Vercel, Render, WordPress, Cloudflare

## EXPERIENCE

- **Full Stack Developer Intern – Melange Publications (Societics)**

Built and deployed societycis.org, a production-ready platform with dashboards, membership workflows, and CC Avenue payment integration.

- **Full Stack Developer Intern – OODSER**

Jan 2025 – Apr 2025

Developed frontend and backend features for live systems, handled database integrations, and contributed to client deliverables generating approximately 5,000 in revenue.

## PROJECTS

- **Smart Parking System**

Developed a smart parking platform with booking management, a full-stack website, and IoT-based vehicle analysis to verify reservations, monitor slot usage, and automate parking entry and exit.

- **FocusAI – Productivity Analytics Tool**

Built a desktop tool that tracks application and browser usage, analyzes focus behavior, and provides personalized productivity recommendations.

- **Atmospheric Water Generator (AWG)**

IoT-based Peltier system producing 5–10 L/day with live sensor monitoring and predictive performance insights.

- **Kubernetes DevOps Pipeline**

Implemented CI/CD workflows with containerized deployments, Kubernetes orchestration, and an admin panel for managing application operations.

## FREELANCE & WORKS

- **TRU**

*Freelance – Ongoing*

Developing an on-premise private cloud using Proxmox, with backend services, message queues, caching layers, VM orchestration, and CI pipelines.

- **Luxor Holiday Home Stays**

Built a booking and admin management platform with domain setup, database-backed storage, caching, payment integration, and analytics, generating approximately 30,000 in revenue.

- **ICMBNT Conference Platform (2025–2026)**

Delivered conference platforms across two phases, starting with paper submission and booking (2025), then expanding into a fully automated system (2026) with reviews, payments, admin workflows, and notifications, generating approximately 10,000 in revenue.

## PATENT

- **AI-Powered Smart Parking System**

Patent No: 202441093238 A

Filed Nov 2024

AI-driven parking system using IoT sensors and OCR-based number plate recognition.

## CERTIFICATIONS

RHCSA – Red Hat Academy (2025) AWS Cloud Practitioner – CLF-C02 (2024) GitHub Foundations – GitHub Skills (2025) Node.js & MongoDB Backend Development (2024)