

RAGHAVAN J

+918825934609 | rragavan2004@gmail.com

LinkedIn: www.linkedin.com/in/raghavan555 | GitHub: <https://github.com/raghavan005>

Portfolio: <https://www.raghavandev.me/>

Coimbatore, Tamil Nadu - 641401, India

PROFESSIONAL SUMMARY

Full-Stack Developer | AI-Integrated Web Applications | React, Django, PostgreSQL, Python, C++

EXPERIENCE

• Full Stack Developer

May 2025 – Present

Cortex5 Technologies | Kerala

- * Built and deployed a SaaS platform using Django, FastAPI, PostgreSQL and Razorpay subscriptions, reducing manual billing work by 70%.
- * Developed responsive React components improving application load performance by 40%.
- * Implemented CI/CD pipelines using GitHub Actions, reducing deployment time by 60%.
- * Deployed applications on a DigitalOcean Linux server using Nginx and Gunicorn improving uptime by 30%.

EDUCATION

• B.E. Computer Science and Engineering

CGPA: 8.0/10

Suguna College of Engineering, Coimbatore

May 2025

PROJECTS

• Providence Trade - AI-Powered Trading Platform

2025

React, Node.js, FastAPI, Firebase, Alpha Vantage API, Finnhub API, Python, NLP



- Engineered a trading platform integrating Alpha Vantage and Finnhub APIs for real-time market data.
- Built a FastAPI microservice using NLP to analyze financial news sentiment and generate bullish/bearish indicators.

• Health Connect - Predictive Healthcare Monitoring System

2025

React, Firebase, Python, Scikit-learn, Machine Learning



- Developed a healthcare monitoring platform for PHCs enabling real-time doctor attendance and service tracking.
- Implemented ML classification using Python and Scikit-learn to detect high-risk health anomalies, reducing absenteeism by 40%.

SKILLS

- * **Languages:** C++, C, Java, Python
- * **Frontend:** HTML, CSS, JavaScript, TypeScript, React, Next.js
- * **Backend & Databases:** Node.js, Django, FastAPI, Firebase, MongoDB, MySQL, PostgreSQL
- * **Tools & Cloud:** Git, GitHub, Docker, Jenkins, AWS, DigitalOcean, Nginx, Gunicorn, Linux, tmux
- * **Core Concepts:** Data Structures, Algorithms, OOP, REST APIs, CI/CD

HACKATHON / LEADERSHIP

* Centralized Monitoring System – Conference Presentation

March 2025

KIT-Kalaignarkaranidhi Institute of Technology, Coimbatore



- Presented paper at ICSTEM'25 on real-time attendance tracking and geo-location monitoring.

* Team Lead – Smart India Hackathon

2024

Suguna College of Engineering



- Led a 5-member team and secured 3rd prize by developing a real-time monitoring solution.

CERTIFICATIONS

• Oracle Cloud Computing(Certificate)

2024

- * ZEE Magic Bus Youth Skilling Livelihood Programme(Certificate)

2025