RAGHAVAN J

+918825934609 | rragavan2004@gmail.com

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

Portfolio: https://portfolio-red-five-26.vercel.app

Coimbatore, Tamil nadu - 641401, India

PROFESSIONAL SUMMARY

Aspiring software engineer with expertise in C++, data structures, and web development. Skilled in developing applications using HTML, CSS, JavaScript, Node.js, React, and Firebase. Proficient in problem-solving, algorithm design, and team leadership, with experience leading projects for hackathons and competitions.

INTERNSHIP

- **Internship : Full stack developer**   *May 2025 - present*
  Cortex5 Technologies | Kerala   **My Works:** Tetranuova 🔗   Punnas Property 🔗   Hour Savior 🔗
  ◦ Developed and implemented responsive front-end components using React.js for a proprietary client management application.
  ◦ Contributed to the design and styling of the application interface, focusing on UI/UX best practices and optimizing elements for various screen sizes.
  ◦ Collaborated with senior developers to perform code reviews and implement features based on project specifications.
  ◦ Gained hands-on experiencein agile development workflows and version control using Git/GitHub.

EDUCATION

- **BE.Computer Science and Engineering:Suguna college of engineering**   *May 2025*
  University Education   Coimbatore, Tamilnadu
  ◦ Grade: 8.0%

PROJECTS

- **Quiz Game: A Fun and Educational Experience**   *2020*
  Tools: C++   [🔗]
  ◦ Developed a quiz game using object-oriented programming and data structures, enhancing problem-solving skills
  ◦ Implemented score tracking to provide real-time feedback to players, improving engagement
  ◦ Created player data storage to maintain user progress and statistics, ensuring a personalized experience

- **Ecommerce Website for Local Artisans: Supporting Rural Artists**   *2024*
  Tools: HTML, CSS, JavaScript, Node.js, EJS, Visual Studio,mongodb   [🔗]
  ◦ Developed an ecommerce platform to showcase,rent,and sell products from local artisans
  ◦ Implemented a secure payment gateway , ensuring safe transactions
  ◦ Created a rental feature, allowing users to rent products for a specified period
  ◦ Designed a responsive user interface with HTML, CSS, and JavaScript for optimal user experience across devices

- **Providence Trade - Trading Platform**   *2025*
  Tools: React, Bootstrap, Node.js, Express, Firebase, Alpha Vantage API, Finnhub API   [🔗]
  ◦ Developed a trading platform for seamless buying and selling of stocks, IPOs, mutual funds, and bonds.
  ◦ Integrated third-party trading APIs for real-time market data and transactions.
  ◦ Implemented Firebase authentication with Google and GitHub login for secure user access.
  ◦ Designed a real-time portfolio tracking dashboard using React and Bootstrap for enhanced user experience.

- **Health Connect: Real-Time Healthcare Monitoring System**   *2025*
  Tools: React, Firebase, Firebase Authentication, Firebase Hosting, Visual Studio Code   [🔗]

- Developed a centralized digital platform to modernize healthcare monitoring across PHCs, Upgraded PHCs, and Sub-Centres under the DDHS in TamilNadu.
- Designed a React-based admin dashboard for real-time tracking of doctor attendance, patient flow, and service delivery metrics.
- Implemented GPS-based geolocation attendance tracking to ensure accurate, tamper-proof doctor presence logging.
- Built a Firebase-integrated backend for real-time data synchronization, secure storage, and automated absenteeism alerts.
- Implemented role-based access control and end-to-end encryption to ensure secure access and data integrity.
- Achieved a 40% reduction in absenteeism and improved healthcare service delivery through automated alerts

SKILLS

- **Programming Languages:** c++,c,java,python
- **Web Technologies:** HTML,TypeScript,react-framework,CSS,JavaScript,Node.js
- **Database Systems:** MySQL,MongoDB,Firebase
- **Data Science & Machine Learning:** jupyter notebook,pandas,numpy
- **Cloud Technologies:** AWS
- **DevOps & Version Control:** Github,git,jenkins
- **Specialized Area:** Problem solving,Data structures Implementation,Algorithm Design,Complexity Analysis
- **Mathematical & Statistical Tools:** Excel
- **Other Tools & Technologies:** Docker

HONORS AND AWARDS

*
"Smart-coder of Coimbatore" 2019
KGISL [🌐]
· Awarded for the project "Quiz Program in C++," which demonstrated advanced C++ features and problem-solving skills.
· Recognized for excellence in software development
·
Centralized Monitoring System – Conference Presentation March 2025
KIT-Kalaignarkarunanidhi Institute of Technology, Coimbatore [🌐]
· Presented a paper on "Centralized Monitoring System" at ICSTEM'25, showcasing real-time doctor attendance tracking, geo-location integration, and its impact on rural healthcare using modern web technologies.

LEADERSHIP EXPERIENCE

·
Team Lead for Smart India Hackathon 2024
Suguna College of engineering [🌐]
· Led a team of 5 members to develop an innovative project, demonstrating strong leadership and project management skills.
· Achieved third prize in an inter-college hackathon, recognizing the team's creativity and technical expertise.
· Facilitated effective communication and collaboration within the team, ensuring timely completion of project milestones.
· Implemented strategic solutions to overcome challenges, enhancing the overall quality and impact of the project.

·
Team Lead for Let's Code Coimbatore Competition 2020
KGISL [🌐]
· Led a team of 3 members to compete in the Let's Code Coimbatore competition, showcasing strong leadership and coding skills.
· Won a prize for the project, demonstrating the team's innovation and technical expertise.
· Coordinated team efforts, ensuring effective communication and collaboration.

CERTIFICATIONS

- **Oracle Cloud Computing**(Certificate) *2024*

- **ZEE-Magicbus Youth skilling Livelihood programme** (Certificate) *2025*

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Place: Coimbatore