

# VIGNESH

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## PROFILE SUMMARY

Tech-driven developer with hands-on experience in building full-stack web applications and backend systems. Quick learner with strong analytical thinking and teamwork skills.

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## ACADEMIC DETAILS

- **Masters of Computer Application**

CMR Institute of Technology | 8.61 | 2026

- **Bachelors of Science**

GFGC Vijayanagar | 7.78 | 2023

- **12<sup>th</sup> Grade**

Sarvodaya PU College | 84.3% | 2019

- **10<sup>th</sup> Grade**

Kiran High School | 94.72% | 2017

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## TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C, JavaScript
  - **Software Development skills:** OOP, DSA, REST APIs, Spring Boot, JDBC, Hibernate, Servlets, JSP, MVC Architecture, Backend Development, Debugging, Git, GitHub
  - **Database Management:** MySQL, MongoDB SQL, CRUD Operations, Joins, Normalization
  - **Operating Systems:** Windows, Linux (Basics)
  - **Cloud Technologies:** Cloud Fundamentals, Client-Server Model
  - **Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, REST Services, JSON
  - **Domain based Skills:** Full-Stack Development, Microservices, AI-Integrated Applications, EdTech Platform
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## PROJECTS

- **SkillBridge – AI Powered Career Accelerator - [GitHub](#)**

An AI-powered career accelerator platform to identify skill gaps, deliver personalized learning paths, and improve job readiness.

- Designed, developed, implemented, tested and integrated the complete application as a full-stack academic project.
- Used Java, Spring Boot, REST APIs, React.js, TypeScript, MySQL, JWT-based authentication, Git, GitHub, and OpenAI APIs.
- Worked as the sole developer, handling backend development, frontend integration, API design, database management, and system implementation.

- **MediConnect**

A personalized healthcare management system for appointment scheduling, medical record management, and patient-doctor interaction.

- Designed, developed, implemented, tested, and integrated the complete healthcare application as a full-stack academic project.
- User Java, Spring Boot, REST APIs, React.js, MySQL, JWT-based authentication, Git, GitHub.
- Implemented the complete healthcare platform independently, emphasizing secure patient data management, appointment workflows, and service integration.

- **Video Sorting Platform - [GitHub](#)**

A tool to efficiently organize and sort video data based on views and ratings.

- Designed and implemented custom sorting logic using Merge Sort and Quick Sort in C, integrated JSON parsing for structured input and output, and built a modular architecture to allow future enhancements and filtering criteria.

- Used C programming for core logic, cJSON library for JSON hanlding, and HTML for frontend visualization.
  - Worked primarily on backend sorting algorithms and data organization, and contributed to frontend HTML visualization and integration tasks.
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## **CO-CURRICULAR & EXTRA-CURRICULAR ACTIVITIES**

- Hackathons: Regular participant in hackathons and active volunteer in technical and academic event coordination. [Link](#)
  - Certifications: Actively learning and earning certifications to strengthen practical skills and industry relevance. [Link](#)
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## **LEADERSHIP SKILLS**

- Founder & President – MCA Communication Club:  
Founded and led a student communication club focused on improving public speaking, group discussions, and professional communication skills, while planning and managing events in coordination with student coordinators.
- Member – Peer Support Team (PST):  
Supported students in managing academic pressure by providing peer guidance, emotional support, and assistance in improving academic performance.