

# Vignesh T

Chennai | vignesh.muga@gmail.com | +91 9566222079 | | [linkedin.com/in/t-vignesh-b1a2101ba/](https://www.linkedin.com/in/t-vignesh-b1a2101ba/)  
[github.com/vignesh-0512](https://github.com/vignesh-0512)

As a full-stack developer with expertise in web development and application security, I am skilled in creating dynamic content for various platforms. My experience spans across developing robust applications and ensuring their security.

## Education

<b>St.Joseph's Institute Of Technology</b> , B.E in Computer Science and engineering	Nov 2023 – May 2027
CGPA: 8.27/10	
<b>Vyasa vidyalaya matriculation hr.sec.school</b> , HSC	June 2020 – May 2022
80%	
<b>Vyasa vidyalaya matriculation hr.sec.school</b> , SSLC	June 2019 – May 2020
79%	

## Experience

<b>Development and Maintenance</b> , College Web Portal	June 2023 – Present
<ul style="list-style-type: none"><li>• Maintained and enhanced college web portal, adding design improvements.</li><li>• Developed new modules to enhance portal functionality.</li></ul>	

<b>Capture The Flag (CTF)</b>	September 2022 – Present
<ul style="list-style-type: none"><li>• Regular participant in TryHackMe, PicoCTF, and other CTF platforms.</li><li>• Developed skills in network security, cryptography, and web application security through challenges.</li><li>• Applied knowledge in problem-solving and exploiting vulnerabilities in simulated environments.</li><li>• Identified and reported bugs and issues in web applications.</li></ul>	

<b>Freelancer:</b>	January 2024 - April 2024
<ul style="list-style-type: none"><li>• Developed a web application to manage students of an institution.</li><li>• Implemented features for student records, administrative tasks, and interaction tools.</li><li>• Generated dynamic content to facilitate efficient administration and student engagement.</li></ul>	

## Projects

<b>Thamizhum kalaiyum:</b>
<ul style="list-style-type: none"><li>• Developed a web application using HTML, CSS, JavaScript, PHP, and Ajax.</li><li>• Designed and implemented three modules to manage students of an institution.</li><li>• Generated dynamic content to facilitate administration and student interaction.</li></ul>
<b>GitHub Repository:</b> <a href="https://github.com/vignesh-0512/Thamilarum-kalaiyum">https://github.com/vignesh-0512/Thamilarum-kalaiyum</a>

<b>Pasumaicholai:</b>
<ul style="list-style-type: none"><li>• Developed a web application integrating multiple modules:</li></ul>

- Machine learning-based module for plant disease prediction.
- E-commerce platform facilitating direct transactions between farmers and users.
- Real-time messaging system enabling direct communication with experts.

**GitHub Repository:** <https://github.com/vignesh-0512/pasumaicholai>

## Awards

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### **National Level Hackathon Winner**

- Won the national level hackathon conducted by Jeppiaar Engineering College.

### **Finalist at IISc Bangalore Open Hack (Project Expo)**

- Out of 1366 teams, we reached the finals, placing among the top 15 teams.

## Technologies

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**Languages:** C, Java, Python, JavaScript

**Software:** Git, GitHub, VS Code, NetBeans

**Database:** MySQL, MongoDB

**Penetration Testing:** Linux, Networking, Nmap, Burpsuite

**Version Control Systems:** Git and GitHub