



## MUTHULAKSHMI E

📞 63693 48382 | ✉ muthulakshmilakshmi49637@gmail.com |

📍 Sivakasi, Tamil Nadu | <https://itzpearldiary.framer.ai/>

### PROFILE SUMMARY

#### SOFTWARE DEVELOPER

Full Stack Developer with hands-on experience in both front-end and back-end development. I specialize in building responsive and user-friendly interfaces using HTML, CSS, JavaScript, and modern frameworks like React.js. On the server side, I work with Node.js, PHP, and MySQL to develop robust backend logic, APIs, and database structures. I am also skilled in software testing, performing both manual and automated testing to ensure application reliability and quality. From designing scalable architectures to deploying production-ready solutions, I handle the complete software development lifecycle. I also focus on continuous improvement through bug fixes, performance optimization, and feature enhancements to maintain and evolve applications effectively.

### EDUCATIONAL QUALIFICATION

Qualification	Name of the College	Pass-out year	Percentage
Bachelor of Science in Computer Science	Ayya Nadar Janaki Ammal College, Sivakasi	2022– 2025	81%
Higher Secondary Certificate	Govt. Higher Secondary School, Malli	2021 – 2022	81%

### INTERNSHIP

#### Anjana Infotech

- Gained hands-on experience in **front-end development** using **React.js**, including component-based design, state management with hooks, **API integration** and **routing**.

### PROJECTS

#### Navarathna Restaurant (PHP)

[navarathnarestaurant.parasuramnurserygarden.com](http://navarathnarestaurant.parasuramnurserygarden.com)

- Built an intuitive **user interface** and a **robust admin panel** with full **front-end and back-end** integration for **order, menu, and customer management**.

#### Car Accident Prevention and Detection System (IoT)

- Developed an **accident detection system** using **Node MCU** and **sensors** with real-time alerts via the **Blynk app**.

#### Rajapalayam Times News App (Android)

- Designed a clean, responsive UI for a local news app, enhancing user experience across devices.

## COMPUTER SKILLS

Technical Skills
<ul style="list-style-type: none"><li>C, C++, Java, Python, PHP, JavaScript, React.js, Node.js, MongoDB, MySQL</li><li>MS Office (Word, Excel, Power-point)</li></ul>

## EXPERINECE

### ANJANA INFOTECH (July 2025 - Present)

#### Software Developer & IoT Developer

- Collaborated with cross-functional teams to develop and deploy IoT solutions using Node MCU and various sensors for real-time automation. Designed and implemented responsive web applications using the MERN stack to enhance user experience and streamline data management.

## ACHIEVEMENTS

#### Software Testing

- Got a certificate of **Software Testing** at Ayya Nadar Janaki Ammal College, Sivakasi.

#### Science Exhibition

- Won **1st place** in **District Level Yuva Utsav 2024** (Virudhunagar District) held in VNHSN College, Virudhunagar.

## SKILLS

Good Communication	Critical Thinking
Leadership & Collaboration	Attention to detail
Strategic Vision & Strategic Planning	Quick learner & Team worker

## LANGUAGES KNOWN

English, Tamil

## DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief. I am solely responsible for its accuracy and authenticity.



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