

THAMIZHMATHY M

📍 Thanjavur, Tamil Nadu ✉️ thamizhmathy@gmail.com ☎️ 7448386669 in Thamizhmathy M

OBJECTIVE

To seek a position in your esteemed organization that offers professional growth and positive atmosphere to utilize my skill and knowledge and intended to put up a career with leading corporate which yields twin benefit of job satisfaction and continuous career growth.

TECHNICAL SKILLS

- **Programming Languages:** Basic knowledge of Java and Python, including Object-Oriented Programming (OOP) concepts such as inheritance, polymorphism, encapsulation, and interfaces.
- **Web Development:** Knowledge of HTML, CSS, and JavaScript for creating basic web pages.
- **Frameworks:** Introduction-level experience with Django (Python) and Bootstrap (for responsive design).
- **Database:** Basic knowledge of MySQL for storing and retrieving data.
- **Data Analysis:** Comfortable using Microsoft Excel for basic functions like VLOOKUP, XLOOKUP, IF, IFERROR, SUMIF, COUNTIF, UNIQUE.
- **Matlab and simulink:** Basic understanding of modeling and simulation.

EDUCATION

Government College Of Engineering, Thanjavur *Nov 2021 – May 2025*
B.E Electronics and Communication Engineering | CGPA:8.11/10

Kamala Subramaniam Matric Hr Sec School, Thanjavur *June 2020 – April 2021*
HSC: 92.33%

Kamala Subramaniam Matric Hr Sec School, Thanjavur *June 2018 – March 2019*
SSLC: 91.2%

INTERNSHIP AND TRAINING

Connected Autonomous and Electric Vehicle *April 2025*
ISIEINDIA

- Hands-on Experience in Electric Vehicle (EV) Technologies.
- Studied EV components including motor, battery, controller, charger, BMS, and BTMS.
- Simulated electric vehicle systems in MATLAB/Simulink and conducted cell testing.

Intern at Retech Solution, Chennai. *July 2024*

- One month intern at Retech solution which I learnt how to develop a web-based doctor appointment system using Django, enabling patients to book appointments online efficiently.

PROJECTS

Visible Light Communication System using Li-Fi *May 2025*

- Developed a prototype Li-Fi system utilizing a single-color LED to transmit data via visible light. Implemented modulation techniques to encode data and used a photodiode as the receiver. The system demonstrated short-range wireless communication using light, showcasing the potential of VLC as a low-cost, high-speed alternative to traditional RF communication.

IOT based smart lock system *April 2023*

- Developed a smart lock system using Arduino, enabling remote and secure access control. Integrated with RFID, keypad, and one-time password(OTP) Bluetooth.

CERTIFICATIONS

- Outstanding achievement certificate for exceptional academic performance.
- AWS Academy Cloud Architecting Certificate.
- GUVI Certification in First Saas Application.
- NPTEL Certificate in Programming,Data structure and Algorithm using Python.
- Python Fundamentals for Beginners- SkillUp.

SOFT SKILLS

- Teamwork and collaboration
- Time management and prioritization
- Problem-solving ability
- Quick learner and self-motivated

PERSONAL DETAILS

- Gender: Female
- DOB: 02/12/2003
- Marital Status: Single
- Languages Known: English, Tamil